

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. <u>easy</u>	1 2 3 4 5 6 7	hard
2. <u>worthless</u>	1 2 3 4 5 6 7	beneficial
3. <u>exciting</u>	1 2 3 4 5 6 7	boring
4. <u>complicated</u>	1 2 3 4 5 6 7	simple
5. <u>confusing</u>	1 2 3 4 5 6 7	clear
6. <u>good</u>	1 2 3 4 5 6 7	bad
7. <u>satisfying</u>	1 2 3 4 5 6 7	frustrating
8. <u>scary</u>	1 2 3 4 5 6 7	fun
9. <u>comprehensible</u>	1 2 3 4 5 6 7	incomprehensible
10. <u>challenging</u>	1 2 3 4 5 6 7	not challenging
11. <u>pleasant</u>	1 2 3 4 5 6 7	unpleasant
12. <u>interesting</u>	1 2 3 4 5 6 7	dull
13. <u>disgusting</u>	1 2 3 4 5 6 7	attractive
14. <u>comfortable</u>	1 2 3 4 5 6 7	uncomfortable
15. <u>worthwhile</u>	1 2 3 4 5 6 7	useless
16. <u>work</u>	1 2 3 4 5 6 7	play
17. <u>chaotic</u>	1 2 3 4 5 6 7	organized
18. <u>safe</u>	1 2 3 4 5 6 7	dangerous
19. <u>tense</u>	1 2 3 4 5 6 7	relaxed
20. <u>insecure</u>	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> 2 3 4 5 6 7	hard
2. worthless	<u>1</u> 2 3 4 5 6 7	beneficial
3. exciting	<u>1</u> 2 3 4 5 6 7	boring
4. complicated	<u>1</u> 2 3 4 5 6 7	simple
5. confusing	<u>1</u> 2 3 4 5 6 7	clear
6. good	<u>1</u> 2 3 4 5 6 7	bad
7. satisfying	<u>1</u> 2 3 4 5 6 7	frustrating
8. scary	<u>1</u> 2 3 4 5 6 7	fun
9. comprehensible	<u>1</u> 2 3 4 5 6 7	incomprehensible
10. challenging	<u>1</u> 2 3 4 5 6 7	not challenging
11. pleasant	<u>1</u> 2 3 4 5 6 7	unpleasant
12. interesting	<u>1</u> 2 3 4 5 6 7	dull
13. disgusting	<u>1</u> 2 3 4 5 6 7	attractive
14. comfortable	<u>1</u> 2 3 4 5 6 7	uncomfortable
15. worthwhile	<u>1</u> 2 3 4 5 6 7	useless
16. work	<u>1</u> 2 3 4 5 6 7	play
17. chaotic	<u>1</u> 2 3 4 5 6 7	organized
18. safe	<u>1</u> 2 3 4 5 6 7	dangerous
19. tense	<u>1</u> 2 3 4 5 6 7	relaxed
20. insecure	<u>1</u> 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 (5) 6 7	hard
2. worthless	1 2 3 4 (5) 6 7	beneficial
3. exciting	1 2 3 4 (5) 6 7	boring
4. complicated	1 2 3 4 (5) 6 7	simple
5. confusing	1 2 3 4 (5) 6 7	clear
6. good	1 2 3 4 (5) 6 7	bad
7. satisfying	1 2 3 4 (5) 6 7	frustrating
8. scary	1 2 3 4 (5) 6 7	fun
9. comprehensible	1 2 3 4 (5) 6 7	incomprehensible
10. challenging	1 2 3 4 (5) 6 7	not challenging
11. pleasant	1 2 3 4 (5) 6 7	unpleasant
12. interesting	1 2 3 4 (5) 6 7	dull
13. disgusting	1 2 3 4 (5) 6 7	attractive
14. comfortable	1 2 3 4 (5) 6 7	uncomfortable
15. worthwhile	1 2 3 4 (5) 6 7	useless
16. work	1 2 3 4 (5) 6 7	play
17. chaotic	1 2 3 4 (5) 6 7	organized
18. safe	1 2 3 4 (5) 6 7	dangerous
19. tense	1 2 3 4 (5) 6 7	relaxed
20. insecure	1 2 3 4 (5) 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7 middle	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7 middle	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7 middle	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7 middle	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

- | | | |
|-------------------|--|------------------|
| 1. easy | <input type="text" value="1"/> 2 3 4 5 6 7
middle | hard |
| 2. worthless | <input type="text" value="1"/> 2 3 4 5 6 7 | beneficial |
| 3. exciting | <input type="text" value="1"/> 2 3 4 5 6 7 | boring |
| 4. complicated | <input type="text" value="1"/> 2 3 4 5 6 7 | simple |
| 5. confusing | <input type="text" value="1"/> 2 3 4 5 6 7 | clear |
| 6. good | <input type="text" value="1"/> 2 3 4 5 6 7
middle | bad |
| 7. satisfying | <input type="text" value="1"/> 2 3 4 5 6 7 | frustrating |
| 8. scary | <input type="text" value="1"/> 2 3 4 5 6 7 | fun |
| 9. comprehensible | <input type="text" value="1"/> 2 3 4 5 6 7 | incomprehensible |
| 10. challenging | <input type="text" value="1"/> 2 3 4 5 6 7 | not challenging |
| 11. pleasant | <input type="text" value="1"/> 2 3 4 5 6 7
middle | unpleasant |
| 12. interesting | <input type="text" value="1"/> 2 3 4 5 6 7 | dull |
| 13. disgusting | <input type="text" value="1"/> 2 3 4 5 6 7 | attractive |
| 14. comfortable | <input type="text" value="1"/> 2 3 4 5 6 7 | uncomfortable |
| 15. worthwhile | <input type="text" value="1"/> 2 3 4 5 6 7 | useless |
| 16. work | <input type="text" value="1"/> 2 3 4 5 6 7
middle | play |
| 17. chaotic | <input type="text" value="1"/> 2 3 4 5 6 7 | organized |
| 18. safe | <input type="text" value="1"/> 2 3 4 5 6 7 | dangerous |
| 19. tense | <input type="text" value="1"/> 2 3 4 5 6 7 | relaxed |
| 20. insecure | <input type="text" value="1"/> 2 3 4 5 6 7 | secure |

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> [5] <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	bad
7. satisfying	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>✓</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. <u>easy</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. <u>worthless</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. <u>exciting</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. <u>complicated</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. <u>confusing</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. <u>good</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. <u>satisfying</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. <u>scary</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. <u>comprehensible</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. <u>challenging</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. <u>pleasant</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. <u>interesting</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. <u>disgusting</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. <u>comfortable</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. <u>worthwhile</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. <u>work</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. <u>chaotic</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. <u>safe</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. <u>tense</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. <u>insecure</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 1 2 3 4 5 6 7 middle	hard
2. worthless	<input type="radio"/> 1 2 3 4 5 6 7	beneficial
3. exciting	<input type="radio"/> 1 2 3 4 5 6 7	boring
4. complicated	<input type="radio"/> 1 2 3 4 5 6 7	simple
5. confusing	<input type="radio"/> 1 2 3 4 5 6 7	clear
6. good	<input type="radio"/> 1 2 3 4 5 6 7 middle	bad
7. satisfying	<input type="radio"/> 1 2 3 4 5 6 7	frustrating
8. scary	<input type="radio"/> 1 2 3 4 5 6 7	fun
9. comprehensible	<input type="radio"/> 1 2 3 4 5 6 7	incomprehensible
10. challenging	<input type="radio"/> 1 2 3 4 5 6 7	not challenging
11. pleasant	<input type="radio"/> 1 2 3 4 5 6 7 middle	unpleasant
12. interesting	<input type="radio"/> 1 2 3 4 5 6 7	dull
13. disgusting	<input type="radio"/> 1 2 3 4 5 6 7	attractive
14. comfortable	<input type="radio"/> 1 2 3 4 5 6 7	uncomfortable
15. worthwhile	<input type="radio"/> 1 2 3 4 5 6 7	useless
16. work	<input type="radio"/> 1 2 3 4 5 6 7 middle	play
17. chaotic	<input type="radio"/> 1 2 3 4 5 6 7	organized
18. safe	<input type="radio"/> 1 2 3 4 5 6 7	dangerous
19. tense	<input type="radio"/> 1 2 3 4 5 6 7	relaxed
20. insecure	<input type="radio"/> 1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	_____	1 2 3 4 5 6 7	hard
2. worthless	_____	1 2 3 4 5 6 7	beneficial
3. exciting	_____	1 2 3 4 5 6 7	boring
4. complicated	_____	1 2 3 4 5 6 7	simple
5. confusing	_____	1 2 3 4 5 6 7	clear
6. good	_____	1 2 3 4 5 6 7	bad
7. satisfying	_____	1 2 3 4 5 6 7	frustrating
8. scary	_____	1 2 3 4 5 6 7	fun
9. comprehensible	_____	1 2 3 4 5 6 7	incomprehensible
10. challenging	_____	1 2 3 4 5 6 7	not challenging
11. pleasant	_____	1 2 3 4 5 6 7	unpleasant
12. interesting	_____	1 2 3 4 5 6 7	dull
13. disgusting	_____	1 2 3 4 5 6 7	attractive
14. comfortable	_____	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	_____	1 2 3 4 5 6 7	useless
16. work	_____	1 2 3 4 5 6 7	play
17. chaotic	_____	1 2 3 4 5 6 7	organized
18. safe	_____	1 2 3 4 5 6 7	dangerous
19. tense	_____	1 2 3 4 5 6 7	relaxed
20. insecure	_____	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	bad
7. satisfying	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 <u>7</u>	hard
2. worthless	1 2 3 4 5 6 <u>7</u>	beneficial
3. exciting	1 2 3 4 5 6 <u>7</u>	boring
4. complicated	1 2 3 4 5 6 <u>7</u>	simple
5. confusing	1 2 3 4 5 6 <u>7</u>	clear
6. good	1 2 3 4 5 6 <u>7</u>	bad
7. satisfying	1 2 3 4 5 6 <u>7</u>	frustrating
8. scary	1 2 3 4 5 6 <u>7</u>	fun
9. comprehensible	1 2 3 4 5 6 <u>7</u>	incomprehensible
10. challenging	1 2 3 4 5 6 <u>7</u>	not challenging
11. pleasant	1 2 3 4 5 6 <u>7</u>	unpleasant
12. interesting	1 2 3 4 5 6 <u>7</u>	dull
13. disgusting	1 2 3 4 5 6 <u>7</u>	attractive
14. comfortable	1 2 3 4 5 6 <u>7</u>	uncomfortable
15. worthwhile	1 2 3 4 5 6 <u>7</u>	useless
16. work	1 2 3 4 5 6 <u>7</u>	play
17. chaotic	1 2 3 4 5 6 <u>7</u>	organized
18. safe	1 2 3 4 5 6 <u>7</u>	dangerous
19. tense	1 2 3 4 5 6 <u>7</u>	relaxed
20. insecure	1 2 3 4 5 6 <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	hard
2. worthless	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	beneficial
3. exciting	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	boring
4. complicated	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	simple
5. confusing	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	clear
6. good	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	bad
7. satisfying	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	frustrating
8. scary	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	fun
9. comprehensible	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	incomprehensible
10. challenging	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	not challenging
11. pleasant	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	unpleasant
12. interesting	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dull
13. disgusting	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	attractive
14. comfortable	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	uncomfortable
15. worthwhile	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	useless
16. work	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	play
17. chaotic	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	organized
18. safe	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dangerous
19. tense	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	relaxed
20. insecure	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	hard middle
2. worthless	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	beneficial
3. exciting	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	boring
4. complicated	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	simple
5. confusing	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	clear
6. good	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	bad middle
7. satisfying	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	frustrating
8. scary	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	fun
9. comprehensible	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	incomprehensible
10. challenging	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	not challenging
11. pleasant	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	unpleasant middle
12. interesting	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dull
13. disgusting	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	attractive
14. comfortable	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	uncomfortable
15. worthwhile	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	useless
16. work	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	play middle
17. chaotic	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	organized
18. safe	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dangerous
19. tense	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	relaxed
20. insecure	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. workless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. weak	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	hard
2. worthless	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	bad
7. satisfying	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	unpleasant
12. interesting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	play
17. chaotic	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>*</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	bad
7. satisfying	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>X</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>X</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>X</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>X</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>X</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	bad
7. satisfying	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. <u>easy</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. <u>worthless</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. <u>exciting</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. <u>complicated</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. <u>confusing</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. <u>good</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. <u>satisfying</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. <u>scary</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. <u>comprehensible</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. <u>challenging</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. <u>pleasant</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. <u>interesting</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. <u>disgusting</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. <u>comfortable</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. <u>worthwhile</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. <u>work</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. <u>chaotic</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. <u>safe</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. <u>tense</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. <u>insecure</u>	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	hard
2. worthless	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	beneficial
3. exciting	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	boring
4. complicated	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	simple
5. confusing	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	clear
6. good	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	bad
7. satisfying	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	frustrating
8. scary	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	fun
9. comprehensible	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	incomprehensible
10. challenging	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	not challenging
11. pleasant	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	unpleasant
12. interesting	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dull
13. disgusting	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	attractive
14. comfortable	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	uncomfortable
15. worthwhile	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	useless
16. work	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7 middle	play
17. chaotic	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	organized
18. safe	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dangerous
19. tense	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	relaxed
20. insecure	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="text"/> 2 3 4 5 6 7 middle	hard
2. worthless	<input type="text"/> 2 3 4 5 6 7	beneficial
3. exciting	<input type="text"/> 2 3 4 5 6 7	boring
4. complicated	<input type="text"/> 2 3 4 5 6 7	simple
5. confusing	<input type="text"/> 2 3 4 5 6 7	clear
6. good	<input type="text"/> 2 3 4 5 6 7 middle	bad
7. satisfying	<input type="text"/> 2 3 4 5 6 7	frustrating
8. scary	<input type="text"/> 2 3 4 5 6 7	fun
9. comprehensible	<input type="text"/> 2 3 4 5 6 7	incomprehensible
10. challenging	<input type="text"/> 2 3 4 5 6 7	not challenging
11. pleasant	<input type="text"/> 2 3 4 5 6 7 middle	unpleasant
12. interesting	<input type="text"/> 2 3 4 5 6 7	dull
13. disgusting	<input type="text"/> 2 3 4 5 6 7	attractive
14. comfortable	<input type="text"/> 2 3 4 5 6 7	uncomfortable
15. worthwhile	<input type="text"/> 2 3 4 5 6 7	useless
16. work	<input type="text"/> 2 3 4 5 6 7 middle	play
17. chaotic	<input type="text"/> 2 3 4 5 6 7	organized
18. safe	<input type="text"/> 2 3 4 5 6 7	dangerous
19. tense	<input type="text"/> 2 3 4 5 6 7	relaxed
20. insecure	<input type="text"/> 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 middle	hard
2. worthless	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	beneficial
3. exciting	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	boring
4. complicated	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	simple
5. confusing	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	clear
6. good	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 middle	bad
7. satisfying	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	frustrating
8. scary	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	fun
9. comprehensible	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	incomprehensible
10. challenging	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	not challenging
11. pleasant	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 middle	unpleasant
12. interesting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	dull
13. disgusting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	attractive
14. comfortable	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	uncomfortable
15. worthwhile	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	useless
16. work	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7 middle	play
17. chaotic	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	organized
18. safe	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	dangerous
19. tense	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	relaxed
20. insecure	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7 middle	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7 middle	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7 middle	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7 middle	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 <u>6</u> 7	hard
2. worthless	1 2 3 4 5 <u>6</u> 7	beneficial
3. exciting	1 2 3 4 5 <u>6</u> 7	boring
4. complicated	1 2 3 4 5 <u>6</u> 7	simple
5. confusing	1 2 3 4 5 <u>6</u> 7	clear
6. good	1 2 3 4 5 <u>6</u> 7	bad
7. satisfying	1 2 3 4 5 <u>6</u> 7	frustrating
8. scary	1 2 3 4 5 <u>6</u> 7	fun
9. comprehensible	1 2 3 4 5 <u>6</u> 7	incomprehensible
10. challenging	1 2 3 4 5 <u>6</u> 7	not challenging
11. pleasant	1 2 3 4 5 <u>6</u> 7	unpleasant
12. interesting	1 2 3 4 5 <u>6</u> 7	dull
13. disgusting	1 2 3 4 5 <u>6</u> 7	attractive
14. comfortable	1 2 3 4 5 <u>6</u> 7	uncomfortable
15. worthwhile	1 2 3 4 5 <u>6</u> 7	useless
16. work	1 2 3 4 5 <u>6</u> 7	play
17. chaotic	1 2 3 4 5 <u>6</u> 7	organized
18. safe	1 2 3 4 5 <u>6</u> 7	dangerous
19. tense	1 2 3 4 5 <u>6</u> 7	relaxed
20. insecure	1 2 3 4 5 <u>6</u> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

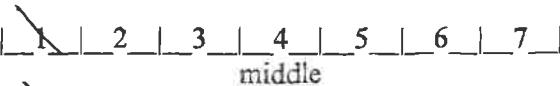
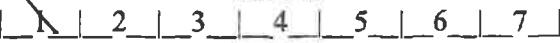
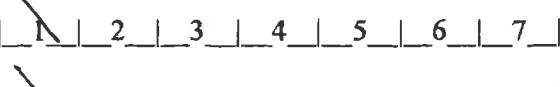
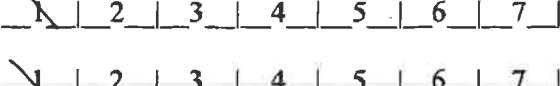
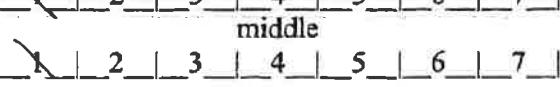
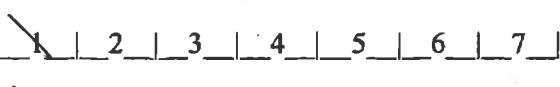
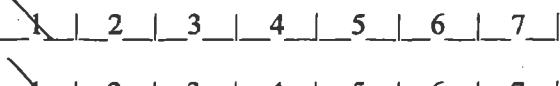
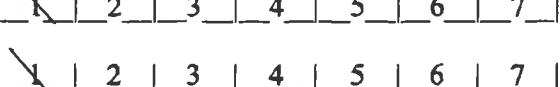
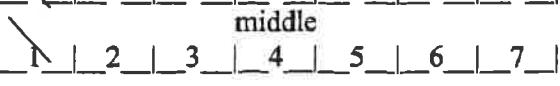
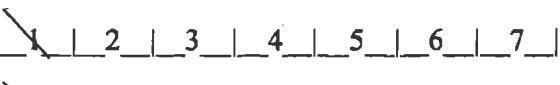
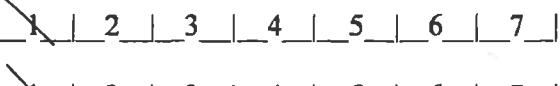
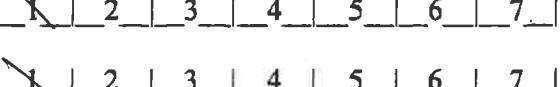
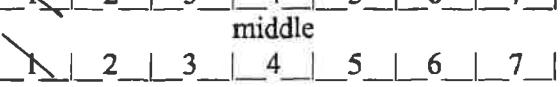
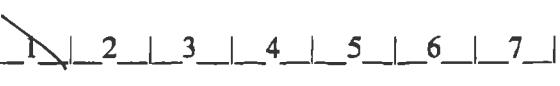
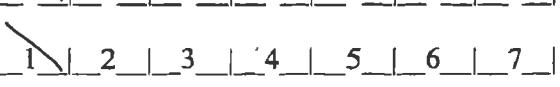
CHEMISTRY IS

1. easy	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	hard
2. worthless	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	bad
7. satisfying	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	unpleasant
12. interesting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	play
17. chaotic	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy		hard
2. worthless		beneficial
3. exciting		boring
4. complicated		simple
5. confusing		clear
6. good		bad
7. satisfying		frustrating
8. scary		fun
9. comprehensible		incomprehensible
10. challenging		not challenging
11. pleasant		unpleasant
12. interesting		dull
13. disgusting		attractive
14. comfortable		uncomfortable
15. worthwhile		useless
16. work		play
17. chaotic		organized
18. safe		dangerous
19. tense		relaxed
20. insecure		secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7 middle	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7 middle	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7 middle	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7 middle	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="radio"/> 2 3 4 5 6 7 middle	hard
2. worthless	<input checked="" type="radio"/> 2 3 4 5 6 7	beneficial
3. exciting	<input checked="" type="radio"/> 2 3 4 5 6 7	boring
4. complicated	<input checked="" type="radio"/> 2 3 4 5 6 7	simple
5. confusing	<input checked="" type="radio"/> 2 3 4 5 6 7	clear
6. good	<input checked="" type="radio"/> 2 3 4 5 6 7 middle	bad
7. satisfying	<input checked="" type="radio"/> 2 3 4 5 6 7	frustrating
8. scary	<input checked="" type="radio"/> 2 3 4 5 6 7	fun
9. comprehensible	<input checked="" type="radio"/> 2 3 4 5 6 7	incomprehensible
10. challenging	<input checked="" type="radio"/> 2 3 4 5 6 7	not challenging
11. pleasant	<input checked="" type="radio"/> 2 3 4 5 6 7 middle	unpleasant
12. interesting	<input checked="" type="radio"/> 2 3 4 5 6 7	dull
13. disgusting	<input checked="" type="radio"/> 2 3 4 5 6 7	attractive
14. comfortable	<input checked="" type="radio"/> 2 3 4 5 6 7	uncomfortable
15. worthwhile	<input checked="" type="radio"/> 2 3 4 5 6 7	useless
16. work	<input checked="" type="radio"/> 2 3 4 5 6 7 middle	play
17. chaotic	<input checked="" type="radio"/> 2 3 4 5 6 7	organized
18. safe	<input checked="" type="radio"/> 2 3 4 5 6 7	dangerous
19. tense	<input checked="" type="radio"/> 2 3 4 5 6 7	relaxed
20. insecure	<input checked="" type="radio"/> 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

- | | | |
|-------------------|--|----------------------|
| 1. easy | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | hard
middle |
| 2. worthless | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | beneficial |
| 3. exciting | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | boring |
| 4. complicated | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | simple |
| 5. confusing | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | clear |
| 6. good | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | bad
middle |
| 7. satisfying | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | frustrating |
| 8. scary | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | fun |
| 9. comprehensible | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | incomprehensible |
| 10. challenging | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | not challenging |
| 11. pleasant | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | unpleasant
middle |
| 12. interesting | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | dull |
| 13. disgusting | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | attractive |
| 14. comfortable | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | uncomfortable |
| 15. worthwhile | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | useless |
| 16. work | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | play
middle |
| 17. chaotic | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | organized |
| 18. safe | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | dangerous |
| 19. tense | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | relaxed |
| 20. insecure | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | secure |

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	hard
2. worthless	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	beneficial
3. exciting	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	boring
4. complicated	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	simple
5. confusing	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	clear
6. good	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	bad
7. satisfying	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	frustrating
8. scary	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	fun
9. comprehensible	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	incomprehensible
10. challenging	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	not challenging
11. pleasant	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	unpleasant
12. interesting	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	dull
13. disgusting	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	attractive
14. comfortable	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	uncomfortable
15. worthwhile	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	useless
16. work	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	play
17. chaotic	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	organized
18. safe	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	dangerous
19. tense	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	relaxed
20. insecure	_1_ _2_ _3_ _4_ _5_ _6_ <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7 middle	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7 middle	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7 middle	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7 middle	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	hard
2. worthless	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	beneficial
3. exciting	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	boring
4. complicated	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	simple
5. confusing	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	clear
6. good	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	bad
7. satisfying	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	frustrating
8. scary	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	fun
9. comprehensible	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	incomprehensible
10. challenging	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	not challenging
11. pleasant	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	unpleasant
12. interesting	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	dull
13. disgusting	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	attractive
14. comfortable	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	uncomfortable
15. worthwhile	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	useless
16. work	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	play
17. chaotic	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	organized
18. safe	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	dangerous
19. tense	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	relaxed
20. insecure	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	hard
2. worthless	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	beneficial
3. exciting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	boring
4. complicated	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	simple
5. confusing	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	clear
6. good	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	bad
7. satisfying	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	frustrating
8. scary	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	fun
9. comprehensible	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	incomprehensible
10. challenging	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	not challenging
11. pleasant	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	unpleasant
12. interesting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	dull
13. disgusting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	attractive
14. comfortable	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	uncomfortable
15. worthwhile	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	useless
16. work	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	play
17. chaotic	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	organized
18. safe	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	dangerous
19. tense	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	relaxed
20. insecure	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	hard
2. worthless	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	beneficial
3. exciting	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	boring
4. complicated	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	simple
5. confusing	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	clear
6. good	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input checked="" type="radio"/> 7	bad
7. satisfying	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	frustrating
8. scary	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	fun
9. comprehensible	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	incomprehensible
10. challenging	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	not challenging
11. pleasant	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	unpleasant
12. interesting	<input checked="" type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	dull
13. disgusting	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	attractive
14. comfortable	<input checked="" type="radio"/> 1 <input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	uncomfortable
15. worthwhile	<input type="radio"/> 1 <input checked="" type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	useless
16. work	<input type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input checked="" type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	play
17. chaotic	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input checked="" type="radio"/> 4 <input checked="" type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	organized
18. safe	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input checked="" type="radio"/> 5 <input checked="" type="radio"/> 6 <input type="radio"/> 7	dangerous
19. tense	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6 <input checked="" type="radio"/> 7	relaxed
20. insecure	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 <u>6</u> <u>7</u>	hard
2. worthless	1 2 3 4 <u>5</u> <u>6</u> 7	beneficial
3. exciting	1 2 3 <u>4</u> <u>5</u> 6 7	boring
4. complicated	1 2 <u>3</u> <u>4</u> 5 6 7	simple
5. confusing	1 <u>2</u> <u>3</u> 4 5 6 7	clear
6. good	1 <u>2</u> 3 4 5 6 7	bad
7. satisfying	1 <u>2</u> 3 4 5 6 7	frustrating
8. scary	1 <u>2</u> <u>3</u> 4 5 6 7	fun
9. comprehensible	1 2 <u>3</u> <u>4</u> 5 6 7	incomprehensible
10. challenging	1 2 3 <u>4</u> <u>5</u> 6 7	not challenging
11. pleasant	1 2 3 4 <u>5</u> <u>6</u> 7	unpleasant
12. interesting	1 2 3 4 5 <u>6</u> <u>7</u>	dull
13. disgusting	1 2 3 4 5 <u>6</u> <u>7</u>	attractive
14. comfortable	1 2 3 4 <u>5</u> <u>6</u> 7	uncomfortable
15. worthwhile	1 2 3 <u>4</u> <u>5</u> 6 7	useless
16. work	1 2 <u>3</u> <u>4</u> 5 6 7	play
17. chaotic	1 <u>2</u> <u>3</u> 4 5 6 7	organized
18. safe	1 <u>2</u> <u>3</u> 4 5 6 7	dangerous
19. tense	1 <u>2</u> <u>3</u> 4 5 6 7	relaxed
20. insecure	1 <u>2</u> <u>3</u> 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	hard
2. worthless	<input type="text"/> 1 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	beneficial
3. exciting	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	boring
4. complicated	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input checked="" type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	simple
5. confusing	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input checked="" type="text"/> 6 <input type="text"/> 7	clear
6. good	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input checked="" type="text"/> 7	bad
7. satisfying	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input checked="" type="text"/>	frustrating
8. scary	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input checked="" type="text"/> 6 <input type="text"/> 7	fun
9. comprehensible	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input checked="" type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	incomprehensible
10. challenging	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	not challenging
11. pleasant	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	unpleasant
12. interesting	<input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	dull
13. disgusting	<input checked="" type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	attractive
14. comfortable	<input type="text"/> 1 <input checked="" type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	uncomfortable
15. worthwhile	<input type="text"/> 1 <input type="text"/> 2 <input checked="" type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	useless
16. work	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input checked="" type="text"/> 5 <input type="text"/> 6 <input type="text"/> 7	play
17. chaotic	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input checked="" type="text"/> 6 <input type="text"/> 7	organized
18. safe	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input checked="" type="text"/> 7	dangerous
19. tense	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input type="text"/> 5 <input type="text"/> 6 <input checked="" type="text"/>	relaxed
20. insecure	<input type="text"/> 1 <input type="text"/> 2 <input type="text"/> 3 <input type="text"/> 4 <input checked="" type="text"/> 6 <input type="text"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 7 middle	bad
7. satisfying	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input checked="" type="checkbox"/> 7	frustrating
8. scary	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input checked="" type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input checked="" type="checkbox"/> 7	dangerous
19. tense	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input checked="" type="checkbox"/> 7	relaxed
20. insecure	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input checked="" type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	hard
2. worthless	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	beneficial
3. exciting	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	boring
4. complicated	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	simple
5. confusing	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	clear
6. good	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	bad
7. satisfying	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	frustrating
8. scary	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	fun
9. comprehensible	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	incomprehensible
10. challenging	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	not challenging
11. pleasant	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	unpleasant
12. interesting	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	dull
13. disgusting	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	attractive
14. comfortable	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	uncomfortable
15. worthwhile	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	useless
16. work	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	play
17. chaotic	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	organized
18. safe	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	dangerous
19. tense	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	relaxed
20. insecure	<input checked="" type="radio"/> 2 3 4 5 6 <input checked="" type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> middle	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 1 2 3 4 5 6 7	hard
2. worthless	<input type="radio"/> 1 2 3 4 5 6 7	beneficial
3. exciting	<input type="radio"/> 1 2 3 4 5 6 7	boring
4. complicated	<input type="radio"/> 1 2 3 4 5 6 7	simple
5. confusing	<input type="radio"/> 1 2 3 4 5 6 7	clear
6. good	<input type="radio"/> 1 2 3 4 5 6 7	bad
7. satisfying	<input type="radio"/> 1 2 3 4 5 6 7	frustrating
8. scary	<input type="radio"/> 1 2 3 4 5 6 7	fun
9. comprehensible	<input type="radio"/> 1 2 3 4 5 6 7	incomprehensible
10. challenging	<input type="radio"/> 1 2 3 4 5 6 7	not challenging
11. pleasant	<input type="radio"/> 1 2 3 4 5 6 7	unpleasant
12. interesting	<input type="radio"/> 1 2 3 4 5 6 7	dull
13. disgusting	<input type="radio"/> 1 2 3 4 5 6 7	attractive
14. comfortable	<input type="radio"/> 1 2 3 4 5 6 7	uncomfortable
15. worthwhile	<input type="radio"/> 1 2 3 4 5 6 7	useless
16. work	<input type="radio"/> 1 2 3 4 5 6 7	play
17. chaotic	<input type="radio"/> 1 2 3 4 5 6 7	organized
18. safe	<input type="radio"/> 1 2 3 4 5 6 7	dangerous
19. tense	<input type="radio"/> 1 2 3 4 5 6 7	relaxed
20. insecure	<input type="radio"/> 1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 (6) 7	hard
2. worthless	1 2 3 4 5 (6) 7	beneficial
3. exciting	1 2 3 4 5 (6) 7	boring
4. complicated	1 2 3 4 5 (6) 7	simple
5. confusing	1 2 3 4 5 (6) 7	clear
6. good	1 2 3 4 5 (6) 7	bad
7. satisfying	1 2 3 4 5 (6) 7	frustrating
8. scary	1 2 3 4 5 (6) 7	fun
9. comprehensible	1 2 3 4 5 (6) 7	incomprehensible
10. challenging	1 2 3 4 5 (6) 7	not challenging
11. pleasant	1 2 3 4 5 (6) 7	unpleasant
12. interesting	1 2 3 4 5 (6) 7	dull
13. disgusting	1 2 3 4 5 (6) 7	attractive
14. comfortable	1 2 3 4 5 (6) 7	uncomfortable
15. worthwhile	1 2 3 4 5 (6) 7	useless
16. work	1 2 3 4 5 (6) 7	play
17. chaotic	1 2 3 4 5 (6) 7	organized
18. safe	1 2 3 4 5 (6) 7	dangerous
19. tense	1 2 3 4 5 (6) 7	relaxed
20. insecure	1 2 3 4 5 (6) 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	hard
2. worthless	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	bad
7. satisfying	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	unpleasant
12. interesting	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	play
17. chaotic	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	bad
7. satisfying	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	_1_ _2_ _3_ _4_ _5_ _6_ _7_	hard
2. worthless	_1_ _2_ _3_ _4_ _5_ _6_ _7_	beneficial
3. exciting	_1_ _2_ _3_ _4_ _5_ _6_ _7_	boring
4. complicated	_1_ _2_ _3_ _4_ _5_ _6_ _7_	simple
5. confusing	_1_ _2_ _3_ _4_ _5_ _6_ _7_	clear
6. good	_1_ _2_ _3_ _4_ _5_ _6_ _7_	bad
7. satisfying	_1_ _2_ _3_ _4_ _5_ _6_ _7_	frustrating
8. scary	_1_ _2_ _3_ _4_ _5_ _6_ _7_	fun
9. comprehensible	_1_ _2_ _3_ _4_ _5_ _6_ _7_	incomprehensible
10. challenging	_1_ _2_ _3_ _4_ _5_ _6_ _7_	not challenging
11. pleasant	_1_ _2_ _3_ _4_ _5_ _6_ _7_	unpleasant
12. interesting	_1_ _2_ _3_ _4_ _5_ _6_ _7_	dull
13. disgusting	_1_ _2_ _3_ _4_ _5_ _6_ _7_	attractive
14. comfortable	_1_ _2_ _3_ _4_ _5_ _6_ _7_	uncomfortable
15. worthwhile	_1_ _2_ _3_ _4_ _5_ _6_ _7_	useless
16. work	_1_ _2_ _3_ _4_ _5_ _6_ _7_	play
17. chaotic	_1_ _2_ _3_ _4_ _5_ _6_ _7_	organized
18. safe	_1_ _2_ _3_ _4_ _5_ _6_ _7_	dangerous
19. tense	_1_ _2_ _3_ _4_ _5_ _6_ _7_	relaxed
20. insecure	_1_ _2_ _3_ _4_ _5_ _6_ _7_	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	hard
2. worthless	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	beneficial
3. exciting	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	boring
4. complicated	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	simple
5. confusing	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	clear
6. good	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	bad
7. satisfying	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	frustrating
8. scary	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	fun
9. comprehensible	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	incomprehensible
10. challenging	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	not challenging
11. pleasant	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	unpleasant
12. interesting	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	dull
13. disgusting	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	attractive
14. comfortable	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	uncomfortable
15. worthwhile	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	useless
16. work	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	play
17. chaotic	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	organized
18. safe	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	dangerous
19. tense	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	relaxed
20. insecure	<input checked="" type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input checked="" type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	hard
2. worthless	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	beneficial
3. exciting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	boring
4. complicated	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	simple
5. confusing	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	clear
6. good	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	bad
7. satisfying	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	frustrating
8. scary	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	fun
9. comprehensible	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	incomprehensible
10. challenging	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	not challenging
11. pleasant	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	unpleasant
12. interesting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	dull
13. disgusting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	attractive
14. comfortable	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	uncomfortable
15. worthwhile	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	useless
16. work	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	play
17. chaotic	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	organized
18. safe	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	dangerous
19. tense	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	relaxed
20. insecure	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input checked="" type="radio"/> 6	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	hard
2. worthless	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	beneficial
3. exciting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	boring
4. complicated	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	simple
5. confusing	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	clear
6. good	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	bad
7. satisfying	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	frustrating
8. scary	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	fun
9. comprehensible	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	incomprehensible
10. challenging	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	not challenging
11. pleasant	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	unpleasant
12. interesting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	dull
13. disgusting	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	attractive
14. comfortable	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	uncomfortable
15. worthwhile	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	useless
16. work	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	play
17. chaotic	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	organized
18. safe	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	dangerous
19. tense	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	relaxed
20. insecure	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4 <input type="radio"/> 5 <input type="radio"/> 6 <input type="radio"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	hard
2. worthless	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	beneficial
3. exciting	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	boring
4. complicated	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	simple
5. confusing	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	clear
6. good	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	bad
7. satisfying	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	frustrating
8. scary	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	fun
9. comprehensible	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	incomprehensible
10. challenging	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	not challenging
11. pleasant	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	unpleasant
12. interesting	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dull
13. disgusting	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	attractive
14. comfortable	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	uncomfortable
15. worthwhile	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	useless
16. work	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 middle	play
17. chaotic	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	organized
18. safe	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	dangerous
19. tense	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	relaxed
20. insecure	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

- | | | |
|-------------------|--|------------------|
| 1. easy | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | hard |
| 2. worthless | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | beneficial |
| 3. exciting | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | boring |
| 4. complicated | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | simple |
| 5. confusing | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | clear |
| 6. good | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | bad |
| 7. satisfying | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | frustrating |
| 8. scary | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | fun |
| 9. comprehensible | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | incomprehensible |
| 10. challenging | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | not challenging |
| 11. pleasant | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | unpleasant |
| 12. interesting | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | dull |
| 13. disgusting | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | attractive |
| 14. comfortable | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | uncomfortable |
| 15. worthwhile | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | useless |
| 16. work | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | play |
| 17. chaotic | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | organized |
| 18. safe | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | dangerous |
| 19. tense | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | relaxed |
| 20. insecure | <u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u> | secure |

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	1 2 3 4 5 6 7	hard
2. worthless	1 2 3 4 5 6 7	beneficial
3. exciting	1 2 3 4 5 6 7	boring
4. complicated	1 2 3 4 5 6 7	simple
5. confusing	1 2 3 4 5 6 7	clear
6. good	1 2 3 4 5 6 7	bad
7. satisfying	1 2 3 4 5 6 7	frustrating
8. scary	1 2 3 4 5 6 7	fun
9. comprehensible	1 2 3 4 5 6 7	incomprehensible
10. challenging	1 2 3 4 5 6 7	not challenging
11. pleasant	1 2 3 4 5 6 7	unpleasant
12. interesting	1 2 3 4 5 6 7	dull
13. disgusting	1 2 3 4 5 6 7	attractive
14. comfortable	1 2 3 4 5 6 7	uncomfortable
15. worthwhile	1 2 3 4 5 6 7	useless
16. work	1 2 3 4 5 6 7	play
17. chaotic	1 2 3 4 5 6 7	organized
18. safe	1 2 3 4 5 6 7	dangerous
19. tense	1 2 3 4 5 6 7	relaxed
20. insecure	1 2 3 4 5 6 7	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about chemistry. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure

Name: _____

A list of opposing words appears below. Rate how well these words describe your feelings about **chemistry**. Think carefully and try not to include your feelings toward chemistry teachers or chemistry courses. For each line, choose a position between the two words that describes exactly how you feel. Mark that number here or on the standard answer sheet. The middle position is if you are undecided or have no feelings related to the terms on that line.

CHEMISTRY IS

1. easy	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	hard middle
2. worthless	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	beneficial
3. exciting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	boring
4. complicated	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	simple
5. confusing	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	clear
6. good	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	bad middle
7. satisfying	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	frustrating
8. scary	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	fun
9. comprehensible	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	incomprehensible
10. challenging	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	not challenging
11. pleasant	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	unpleasant middle
12. interesting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dull
13. disgusting	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	attractive
14. comfortable	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	uncomfortable
15. worthwhile	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	useless
16. work	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	play middle
17. chaotic	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	organized
18. safe	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	dangerous
19. tense	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	relaxed
20. insecure	<u>1</u> <u>2</u> <u>3</u> <u>4</u> <u>5</u> <u>6</u> <u>7</u>	secure