Unit 18 Review of Linear Equations – Mental Effort Survey

3SsPY75

Login: _____

School: Whitinsdung High School

Teacher: Mr. Otieno

Period: 5th

Date: Nov 2 2004

Unit 18 Review of Linear Equations – Mental Effort Survey

Please circle the answer that best represents how you felt about the amount of mental effort you spent while working with in Unit ▓▓▓▓▓▓▓▓▓

How much mental effort during the study?

In solving or studying Unit 18, I invested, spent, or felt

1. very, very low mental effort

2. very low mental effort

3. low mental effort

4. rather low mental effort

5. neither low nor high mental effort

6. rather high mental effort

7. high mental effort ⟵ *(circled)*

8. very high mental effort

9. very, very high mental effort

Was the mental effort the normal amount?

The mental effort I spent or felt was

1. very, very much less than normal tutor use

2. very much less than normal tutor use *(circled)*

3. much less than normal tutor use

4. a little less than normal tutor use

5. neither more nor less than normal tutor use

6. a little more than normal tutor use

7. much more than normal tutor use

8. very much more than normal tutor use

9. very, very much more than normal tutor use

Where did the mental effort come from?

The mental effort I spent or felt came from

1. mostly thinking about the problems *(circled)*

2. mostly trying to use the computer interface

3. about the same amount for both

Unit 18 Review of Linear Equations – Mental Effort Survey

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Login:

School: Winthropurg High School

Teacher: Mr. Otieno

Period: 5

Date: 5/2/07

Unit 18 Review of Linear Equations – Mental Effort Survey

Please circle the answer that best re~~presents~~ ~~how~~ felt ab~~out~~ ~~the a~~ ~~~~ ~~men~~tal effort you spent while working with in Un~~it~~ 18.

How much mental effort during the study?

In solving or studying Unit 18, I invested, spent, or felt

1. very, very low mental effort

2. very low mental effort

3. low mental effort

4. rather low mental effort

5. neither low nor high mental effort

6. rather high mental effort

7. high mental effort

8. very high mental effort

9. very, very high mental effort

Was the mental effort the normal amount?

The mental effort I spent or felt was

1. very, very much less than normal tutor use

2. very much less than normal tutor use

3. much less than normal tutor use

4. a little less than normal tutor use

5. neither more nor less than normal tutor use

6. a little more than normal tutor use

7. much more than normal tutor use

8. very much more than normal tutor use

9. very, very much more than normal tutor use

Where did the mental effort come from?

The mental effort I spent or felt came from

1. mostly thinking about the problems

2. mostly trying to use the computer interface

3. about the same amount for both

Unit **18** Review of Linear Equations – Mental Effort Survey

lhWq6e2

Login: _____

School: WHS

Teacher: Mr. Otieno

Period: 5

Date: May 2, 2004

Unit 18 Review of Linear Equations – Mental Effort Survey

Please circle the answer that best represents ho▮▮▮▮about the an▮▮▮▮▮effort you spent while working with in Unit 18.

How much mental effort during the study?

In solving or studying Unit 18, I invested, spent, or felt
1. very, very low mental effort
2. very low mental effort
3. low mental effort
4. rather low mental effort
(5.) neither low nor high mental effort
6. rather high mental effort
7. high mental effort
8. very high mental effort
9. very, very high mental effort

Was the mental effort the normal amount?

The mental effort I spent or felt was
1. very, very much less than normal tutor use
2. very much less than normal tutor use
3. much less than normal tutor use
4. a little less than normal tutor use
(5.) neither more nor less than normal tutor use
6. a little more than normal tutor use
7. much more than normal tutor use
8. very much more than normal tutor use
9. very, very much more than normal tutor use

Where did the mental effort come from?

The mental effort I spent or felt came from
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2. mostly trying to use the computer interface
3. about the same amount for both

Unit 18 Review of Linear Equations – Mental Effort Survey

Carnegie Learning
THE COGNITIVE TUTOR COMPANY

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Login:

School: WHS

Teacher: Mr. Otieno

Period: 5th

Date: May 2, 2007

Unit 18 Review of Linear Equations – Mental Effort Survey

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The mental effort I spent or felt was
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Unit 18 Review of Linear Equations – Mental Effort Survey

Carnegie Learning
THE COGNITIVE TUTOR COMPANY

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Login: _____

School: Wilkinsburg High School

Teacher: ~~Miss Maxxer~~ Mr. Otieno

Period: 5th

Date: 5-2-07

Unit 18 Review of Linear Equations – Mental Effort Survey

Please circle the answer that best represents how you felt about the amount of mental effort you spent while working with in Unit 18.

How much mental effort during the study?

In solving or studying Unit 18, I invested, spent, or felt

1. very, very low mental effort

2. very low mental effort

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Where did the mental effort come from?

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Unit **18** Review of Linear Equations – Mental Effort Survey

Login: Carnegie Learning™   **zzH0oV0**   _____

School: Wilkinsburg high

Teacher: Mr Gieoo

Period: 3

Date: 3-2-04

Unit 18 Review of Linear Equations – Mental Effort Survey

Please circle the answer that best represents how you felt about the amount of mental effort you spent while working with in U̶n̶i̶t̶ ̶1̶8̶

How much mental effort during the study?

In solving or studying Unit 18, I invested, spent, or felt
1. very, very low mental effort
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4. a little less than normal tutor use
5. neither more nor less than normal tutor use
6. a little more than normal tutor use
7. much more than normal tutor use
8. very much more than normal tutor use
9. very, very much more than normal tutor use

Where did the mental effort come from?

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3. about the same amount for both

PRE.
Otieno. prd. 5

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

1) Solve for y

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x:

$$4x + 8x = 9$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x:

$-2.8 + 5.1x = 11.8x + (-3.4)$

8) Solve for y:

$y + 12.3 = -4.1y + (-9.2)$

Show your work here	For each step, explain why

9) Solve for x:

$$\frac{4x+12}{3} = -9x$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

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PRE.

Otienw. prd. 5

Unit **18** Review of Linear Equations – Form **A**

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

1) Solve for y

$$7 + 5y = 2$$

$-3 \quad -5$

$y = -0.4a$

2) Solve for x:

$-5 \cdot \quad \dfrac{x}{5} + 8 = -2 \cdot -5$

$X = 1.25$

Unit 18 Form A

3) Solve for x:

$$4x + 8x = \frac{9}{4}$$

$$\frac{8x}{8} \quad \frac{5}{8x} = 0.625$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x:

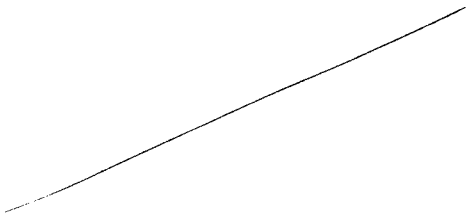$\qquad -2.8 + 5.1x = 11.8x + (-3.4)$

8) Solve for y:

$\qquad y + 12.3 = -4.1y + (-9.2)$

Show your work here	For each step, explain why

9) Solve for x:
$$\frac{4x+12}{3} = -9x$$

10) Solve for x:
$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

PRE.

Otieno. prd. 5

Unit 18 Review of Linear Equations – Form A

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

1) Solve for y

$$7 + 5y = 2$$

$$-7 \qquad -7$$

$$\frac{5y}{5} = \frac{-5}{5}$$

$$y = -1$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

$$-8 \quad -8$$

$$-5 \cdot \frac{x}{-5} = -10 \cdot -5$$

$$x = 50$$

3) Solve for x:

$4x + 8x = 9$

$$\frac{12x}{12} = \frac{9}{12}$$

$x = 0.75$

4) Solve for y:

$3y + (-8) = 5 + 4y$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

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$-2.8 + 5.1x = 11.8x + (-3.4)$

8) Solve for y:

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Show your work here	For each step, explain why

9) Solve for x:

$$\frac{4x+12}{3} = -9x$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Pre.

Otieno. prd. 5

Unit 18 Review of Linear Equations – Form A

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1) Solve for y

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$

3) Solve for x:

$4x + 8x = 9$

4) Solve for y:

$3y + (-8) = 5 + 4y$

Show your work here	For each step, explain why

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

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$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

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PRE.

Otieno. prd. 5

Unit 18 Review of Linear Equations – Form A

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Pre.

Otieno. prol 5

Unit 18 Review of Linear Equations – Form A

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1) Solve for y

$$7 + 5y = 2$$

2) Solve for x:

$$\frac{x}{5} + 8 = -2$$

3) Solve for x:

$$4x + 8x = 9$$

$$12x = \frac{9}{12}$$

$$x = 0.75$$

4) Solve for y:

$$3y + (-8) = 5 + 4y$$

Show your work here	For each step, explain why
$y + (-8) = 5$ $\underline{\quad -8 \quad -8}$ $y = -3$ $\frac{}{y} \quad \frac{-3}{7}$ $y = -0.4$	Distribute because there are 2 y's. Subtract to get rid of 8 Divide to get rid of 7

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$$6 + (-7y) = -1$$
$$-6 \qquad -6$$
$$-7y = -7$$
$$-5y = 5$$
$$y = 14$$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why

7) Solve for x:

$-2.8 + 5.1x = 11.8x + (-3.4)$

8) Solve for y:

$y + 12.3 = -4.1y + (-9.2)$

Show your work here	For each step, explain why

9) Solve for x:
$$\frac{4x+12}{3} = -9x$$

10) Solve for x:
$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$

Pre.
Otieno. prd. 5

Unit 18 Review of Linear Equations – Form A

You have 15 minutes to answer as many questions as you can. Don't worry if you can't answer all the questions. Please show all your work. When the question asks you to explain, please explain your answer in plain English.

1) Solve for y

$$7 + 5y = 2$$
$$-7 \quad -7$$

$$\frac{5y}{5} = \frac{-5}{5}$$

$$y = -1$$

2) Solve for x:

$$\frac{x}{-5} + 8 = -2$$
$$\quad -8 \quad -8$$

$$5, \quad \frac{x}{5} = -10 \cdot 5$$

$$x = -50$$

3) Solve for *x*:

$4x + 8x = 9$

$12x = 13$

$= 1.083$

$(4x + 8x) = 9$

$$\frac{12x}{12} = \frac{9}{12}$$

$x = .45$

4) Solve for *y*:

$3y + (-8) = 5 + 4y$

Show your work here	For each step, explain why
$3y + (-8) = 5 + 4y$ $3y + (-24) = 8 + 7y$ $10y + -24 = 8$ $ + 24 + 24$ $10y = 32$ $\div 10 \div 10$ $y = 3.2$	Distribute got to get ride of the two y. Add 24 to both sides get to rid of the -24. Divide by 10 to get rid of the Number next to the variable

5) Solve for y:

$$6 + (-7y) = -1 + 2y$$

$6 + (-9) = -1 + 8y$

$5y = \dfrac{?}{?}$

$y = 1.4$

6) Solve for x:

$$-3.2x + 4.1 = 12.8 + 6.4x$$

Show your work here	For each step, explain why
$-3.2x + 4.1 = 12.8 + 6.4x$ $3.2x + 4.1 = 12.8$ $-4.1 \quad -4.1$ $3.2x = 8.7$ $\div 3.2 \quad \div 3.2$ $x = 2.71875$	Distribute to get rid of the extra variable Subtract 4.1 from both sides. divide 3.2 from both sides. so I can just have an x.

7) Solve for x:

$$-2.8 + 5.1x = 11.8x + (-3.4)$$

$$-2.8 + 16.9x = -3.4$$
$$+2.8 \qquad\qquad +2.8$$

$$-2.8 = 16.9x + 3.4$$
$$\overline{+3.4} \qquad\qquad + 3.4$$

$$0.6 = 16.9x$$
$$\overline{16.9} \quad \div 16.9$$

$$.035502\overline{67} = x$$

8) Solve for y:

$$y + 12.3 = -4.1y + (-9.2)$$

Show your work here	For each step, explain why
$12.3 = -4.1y + (-9.2)$ $-9.2 \qquad\qquad -9.2$ $3.1 = -4.1y$ $\div 4.1 \quad \div 4.1$ ~~.75609756~~ $.75609756 = y$	

9) Solve for x:

$$3 \cdot \frac{4x+12}{3} = -9x \cdot 3$$

$$+24x = 27x$$
$$+24x \quad +24x$$
$$\overline{\quad\quad\quad}$$
$$x = 1.125$$

10) Solve for x:

$$14.1x + 19.1 + (-8.2x) = -6.2x + 12.8$$