IQtest

IQtest

100 Questions

Detailed answers, explanations and tips!

4
TESTS

Thanks for purchasing the Quick-IQtest Study Guide!

This guide consists of four, six minute, 25 question practice tests. The goal of each of the tests is to assess your ability to answer a significant variety of analytical questions in a short amount of time.

Our recommended process for taking each test is as follows:

1. Print out the pages that you need for the test.
2. Grab a pencil and find a quiet area.
3. Set a timer for 6:00 minutes and start it as soon as you begin reading the first question.
4. Drop your pencil as soon as the timer goes off, and then grade your test.

Good luck!

Table of Contents

Test 1
25 Questions in 6 Minutes

1. What is the missing

0, 1, 1, 2, 3, 5, 8, __, 21, 34

Answer: _____

2. Which identical three-letter word, when placed in front of the following words, forms a new word?

FUSE, CLAIM, DUCT, CREATE, FIT, FOUND, LONG

Answer: _____

3. Bruce likes 324 but not 325. He likes 2500 but not 2400. He likes 121 but not 122. Which does he like?

a) 900
b) 800

Answer: _____

4. What is the next letter in this sequence?

A B A C B C B D C

Answer: _____

5. Counting from 1 to 100, how many 6s will you encounter?

a) 10
b) 11
c) 18
d) 19
e) 20

Answer: _____

6. What is the missing number in the series?

1, 16, 81, __, 625, 1296

Answer: _____

7. What is the 13th letter of the English alphabet?

a) G
b) J
c) M
d) N
e) P

Answer: _____

8. Which vowel is halfway between C and P?

a) A
b) E
c) I
d) O
e) U

Answer: _____

9. Unscramble the letters to form an English word:

D R O H H C R P I S A

Answer: _____

10. In four years, Phil will be half Tim's age. Two years ago, Tim was five times Phil's age. How old is Phil now?

Answer: _____

11. Which object is least like the others?

a) Tree
b) Book
c) Song
d) Caricature
e) Bowl

Answer: _____

12. Now, it's twice as long since noon as it was two hours ago. What time is it now?

a) 11:00
b) 12:30
c) 14:00
d) 14:30
e) 16:00

Answer: _____

13. Karl owns 28 golf balls. Some are green, some are blue and several are orange. One fourth are red. Are 7 golf balls definitely green?

a) Yes
b) No

Answer: _____

14. If a hexagon is 12, how many is a square?

a) 2
b) 4
c) 8
d) 12
e) 16

Answer: _____

15. What word, when added to the beginning of MILL and the end of CHAIN, creates two other words?

Answer: _____

16. Two women start at the same point. They walk in opposite directions for 3 meters, then turn right and walk another 4 meters. How far apart are they?

a) 7 meters
b) 10 meters
c) 12 meters
d) 15 meters
e) 21 meters

Answer: _____

17. Bill and Jerry start at the same point. Bill walks due West and Jerry walks due East for 6 meters. They turn right and walk 3 more meters. Who is closer to the North Pole?

Answer: _____

18. Three painters can paint three walls in three minutes. How many painters are needed to paint 27 walls in nine minutes?

a) 3
b) 6
c) 9
d) 12
e) 15

Answer: _____

19. Which of these numbers is not like the others?

a) 3
b) 4
c) 5
d) 7
e) 11

Answer: _____

20. Choose the sentence that most closely resembles the meaning of the proverb, "The pen is mightier than the sword."

a) Your ideas are more persuasive than coercion.
b) A pen is more intimidating than a sword.
c) Swords are less durable than pens.
d) Fighting is a bad idea, no matter the circumstances.

Answer: _____

21. Unscramble the letters to form a word:

M A A A A R G N

Answer: _____

22. Choose the sentence that most closely resembles the meaning of the proverb, "Two wrongs don't make a right."

a) Committing two wrong acts is twice as bad as one.
b) You can't be right by being wrong.
c) Seeking revenge only makes things worse.
d) Two rights don't make a wrong.

Answer: _____

23. Strawberry is to peach as carrot is to?

a) Potato
b) Banana
c) Lettuce
d) Apple
e) Blueberry

Answer: _____

24. What is one quarter of one 10th of one half of 800?

a) 5
b) 10
c) 30
d) 40
e) 80

Answer: _____

25. What is the word below?

```
  N E
I     S
S     S
  U B
```

Answer: _____

Test 2
25 Questions in 6 Minutes

1. The number, "three thousand, eight hundred, sixty-eight," when written backward, is read, "eight thousand, six hundred, eighty-three."

a) True
b) False

Answer: _____

2. If Barry weighs 150 pounds, Ted weighs 125 pounds and Matt weighs 175 pounds, any two of them together weigh 300 pounds.

a) True
b) False

Answer: _____

3. Aunt is to uncle as grandfather is to:

a) Father
b) Grandmother
c) Mother
d) Sister
e) Nephew

Answer: _____

4. When the letters are rearranged in ANGRIATEN, you get the name of a:

a) State
b) Country
c) Continent
d) Ocean
e) Planet

Answer: _____

5. Ernie had $10 in cash, with which he purchased gum for $1.29, a candy bar for $1.49 and a beverage for $2.39. If he does not have to pay sales tax, how much change should he receive?

a) $4.83
b) $5.17
c) $5.83
d) $6.12
e) None

Answer: _____

6. Jacob was 27th in line at the airport. He was also 27th from the back of the line. How many people were in line?

a) 27
b) 53
c) 54
d) 55
e) 57

Answer: _____

7. Max needed to get seven new doors from the home-improvement store for his house. His car could only hold two doors at once. How many times did Max have to visit the store?

a) 2
b) 4
c) 7
d) 8
e) 9

Answer: _____

8. Add all the odd numbers in this list: 2, 3, 6, 7, 9, 13, 14, 15. Is the answer an even number or an odd number?

a) Even
b) Odd

Answer: _____

9. Does this sentence contain forty-one letters?

a) Yes
b) No

Answer: _____

10. Gertrude is taller than Janelle. Nancy is taller than Gertrude. Who is the tallest?

a) Gertrude
b) Janelle
c) Nancy
d) Don't know

Answer: _____

11. At a business meeting of five people, every person shakes hands with every other person one time. How many total handshakes occur?

a) 5
b) 10
c) 15
d) 20
e) 25

Answer: _____

12. Add the even numbers in this list: 2, 4, 6, 11, 18, 37, 38. Is the sum an even number or odd number?

a) Even
b) Odd

Answer: _____

13. If Tuesday is the third day of the month, what day of the month is the upcoming Sunday?

a) Sixth
b) Eighth
c) Ninth
d) Tenth

Answer: _____

14. Do three of the numbers from this list add to 26?

18, 8, 4, 3, 9

a) Yes
b) No

Answer: _____

15. The letters in the word, "abstract," are in alphabetical order.

a) True
b) False

Answer: _____

16. Can is to soda as jug is to:

a) Cow
b) Milk
c) Cheese
d) Yogurt
e) Plastic

Answer: _____

17. BHHHBHBB is to 28882822 as HBBHHHBB is to:

a) 82288822
b) 82822288
c) 22888228
d) 28228822
e) 88228822

Answer: _____

18. Some bargles are chongos and some chongos are munhatsens. Are some bargles definitely munhatsens?

a) Yes
b) No

Answer: _____

19. Which identical three-letter word, when placed in front of the following words, forms a new word?

BOY, HIDE, LICK, POKE, HAND

Answer: _____

20. Counting from 1 to 51, how many 5s will you encounter?

a) 5
b) 7
c) 8
d) 10
e) 11

Answer: _____

21. Unscramble the letters to form an English word:

U T S B O E

Answer: _____

22. Mike has eight pretzels. If Mike gives half his pretzels to Sandy and Sandy gives three quarters of those pretzels to Jason, how many pretzels does Mike have?

a) 1
b) 3
c) 4
d) 5
e) 8

Answer: _____

23. Jeremy bowled three games with an average score of 100. What does he have to average in his next three games to raise his overall average to 150?

a) 150
b) 175
c) 200
d) 250
e) 300

Answer: _____

24. What is the average of the following numbers?

1, 2, 6

Answer: _____

25. Which object is least like the others?

a) Key
b) Padlock
c) Door knob
d) Safe

Answer: _____

Test 3
25 Questions in 6 Minutes

1. What number comes next in this series?

3, 9, 11, 9, 19, 9, __

a) 9
b) 11
c) 21
d) 27
e) 33

Answer: _____

2. From the following two statements, which conclusion is absolutely true?

1) None of the gardeners are tennis players.
2) All writers are gardeners.

a) Some gardeners are tennis players.
b) Writers are not tennis players.
c) Writers are tennis players.
d) Some writers are not gardeners.

Answer: _____

3. Is the phrase, "Madam, I'm Adam," spelled the same written forward as backward?

a) Yes
b) No

Answer: _____

4. Do three of the following numbers add up to 12?

2, 8, 3, 4, 6, 9

a) Yes
b) No

Answer: _____

5. Ron's grandmother is Craig's father's mother. How is Ron related to Craig?

a) They are brothers.
b) They are cousins.
c) Ron is Tim's father.
d) Ron is Tim's son.
e) They are either brothers or cousins.

Answer: _____

6. What number comes next in this series? 3, 5, 9, 17, 33

a) 38
b) 40
c) 55
d) 65
e) 85

Answer: _____

7. Consider all numbers from 1-60, in sequence. If you add any two consecutive numbers, will the result be:

a) Odd
b) Even
c) It depends

Answer : _____

8. The word, "vile" can be spelled using four of the letters from the word, "revolution."

a) True
b) False

Answer: _____

9. If Thursday is in three days, what day was yesterday?

a) Friday
b) Saturday
c) Sunday
d) Monday
e) Tuesday

Answer: _____

15. Now, it's five times as long since noon as it was four hours ago. What time is it now?

a) 12:30
b) 13:00
c) 14:00
d) 16:00
e) 17:00

Answer: _____

16. Jason owns 35 spatulas. Some are purple, some are turquoise and several are black. One seventh are orange. Are 5 spatulas definitely orange?

a) Yes
b) No

Answer: _____

17. What word, when added to the beginning of PET and the end of PAR, creates two other words?

Answer: _____

18. Two friends start at the same point. They walk in opposite directions for 3 meters, then turn left and walk another 3 meters. They turn left again and walk another 3 meters. How far apart are they?

a) 0 meters
b) 3 meters
c) 6 meters
d) 10 meters
e) 21 meters

Answer: _____

19. Which identical five-letter word, when placed in front of the following words, forms a new word?

EGO, STAR, IMPOSE, HERO

Answer: _____

20. If an octagon is 24, how many is a pentagon?

a) 5
b) 6
c) 9
d) 15
e) 27

Answer: _____

21. What is the word below?

```
    SE
S        R
A        B
   PY
```

Answer: _____

22) Are there fifty-three words in this sentence?

a) Yes
b) No

Answer: _____

23. Unscramble the letters to form a word:

T T E E R C A D S

Answer: _____

24. What is the missing number? 28, 29, 57, 86, __, 229

Answer: _____

25. QQRRQQQQRQR is to 33113333131 as RQQRRQRQRR is to:

a) 3113313133
b) 1331131311
c) 3311331113
d) 1133113311
e) 3131313131

Answer: _____

Test 4
25 Questions in 6 Minutes

1. Counting from 1 to 46, how many 4s will you encounter?

a) 8
b) 10
c) 11
d) 12
e) 14

Answer: _____

2. Some gomblesteins are panganters and all panganters are gerbelsons. Are some gomblesteins definitely gerbelsons?

a) Yes
b) No

Answer: _____

3. Bruce likes 143 but not 144. He likes 3500 but not 3600. He likes 8 but not 9. Which does he like?

a) 1500
b) 1600

Answer: _____

4. What is the next letter in this sequence?

N P O Q P R Q

Answer: _____

5. Avocado is to guacamole as tomato is to?

a) Cheese
b) Olive oil
c) Thousand Island dressing
d) Marinara
e) Pumpkin

Answer: _____

6. Tom and Chad stand on the equator, 12 meters apart. Chad walks 6 meters due East and Tom walks 6 meters due west. How far apart are they now?

a) 0 meters
b) 12 meters
c) 24 meters
d) We don't know

Answer: _____

7. Six cooks can boil 12 pots of water in four minutes. How many cooks are needed to boil 48 pots of water in four minutes?

a) 12
b) 24
c) 36
d) 48
e) 60

Answer: _____

8. What is one third of one fifth of one half of 600?

a) 4
b) 16
c) 20
d) 40
e) 70

Answer: _____

9. 33 minutes after 7 o'clock is 28 minutes before 8 o'clock.

a) True
b) False

Answer: _____

10. Which of these numbers is not like the others?

a) 7
b) 8
c) 10
d) 22
e) 24

Answer: _____

11. The number, "nine thousand, three hundred, forty-one," when written backward, is read, "four thousand, one hundred, thirty-nine."

a) True
b) False

Answer: _____

12. Choose the sentence that most closely resembles the meaning of the proverb, "A picture is word a thousand words."

a) Spend your money wisely.
b) One word is worth 1/1000 of a picture.
c) A picture tells a thorough story.
d) A picture can be sold for the same amount as 1,000 words.

Answer: _____

13. If the red suitcase weighs 40 pounds, the blue suitcase weighs 25 pounds and the black suitcase weighs 72 pounds, any two of them together weigh at least 70 pounds.

a) True
b) False

Answer: _____

14. When the letters are rearranged in C C I I A P F, you get the name of a:

a) State
b) Country
c) Continent
d) Ocean
e) Planet

Answer: _____

15. Chris had $4 in cash, with which he purchased coffee for $0.79, a bag of chips for $1.69 and a lottery ticket for $1.00. If he does not have to pay sales tax, how much change should he receive?

a) $1.52
b) $1.12
c) $0.48
d) $0.52
e) None

Answer: _____

16. Bastion was 13th in line at the coffee shop. He was also 13th from the back of the line. How many people were in line?

a) 24
b) 25
c) 26
d) 39
e) 40

Answer: _____

17). Bernice is shorter than Terry. Madelyn is taller than Bernice. Who is the tallest?

a) Bernice
b) Terry
c) Madelyn
d) Don't know

Answer: _____

18. If Friday is the second day of the month, what day of the month is the upcoming Sunday?

a) Third
b) Fourth
c) Fifth
d) Sixth

Answer: _____

19. Do three of the numbers from this list add to 44?

21, 7, 34, 9, 15

a) Yes
b) No

Answer: _____

20. Casey needed to move 23 huge boxes from his truck to the loading dock. His forklift could only hold three boxes at once. How many times did Casey have to visit the loading dock?

a) 4
b) 6
c) 7
d) 8
e) 9

Answer: _____

21. Add the odd numbers in this list:

3, 4, 7, 18, 28, 37, 39.

Is the sum an even number or odd number?

a) Even
b) Odd

Answer: _____

22. Typing the word, "typewriter," requires only one row of keys on a standard computer keyboard.

a) True
b) False

Answer: _____

23. Art is to wall as cup is to:

a) Handle
b) Coffee
c) Cupboard
d) Rim
e) Nail

Answer: _____

24. Which identical four-letter word, when placed in front of the following words, forms a new word?

PRINT, SHAKE, WRITE, STAND, CUFF

Answer: _____

25. Unscramble the letters to form an English word:

L H C N N A E

Answer: _____

Test 1 Answers

1. What is the missing

0, 1, 1, 2, 3, 5, 8, __, 21, 34

Answer: 13
Each number is the sum of the previous two.

2. Which identical three-letter word, when placed in front of the following words, forms a new word?

FUSE, CLAIM, DUCT, CREATE, FIT, FOUND, LONG

Answer: PRO
The words created are profuse, proclaim, product, procreate, profit, profound and prolong.

3. Bruce likes 324 but not 325. He likes 2500 but not 2400. He likes 121 but not 122. Which does he like?

a) 900
b) 800

Answer: (a) 900
Bruce likes square numbers. 324 is 18^2, 2500 is 50^2, 121 is 11^2, and 900 is 30^2

4. What is the next letter in this sequence?

A B A C B C B D C

Answer: D
The sequence goes up one letter, down one letter, up two, down one, repeat.

5. Contando del 1 al 100, ¿cuántos 6 encontrarás?

a) 10
b) 11
c) 18
d) 19

5. Counting from 1 to 100, how many 6s will you encounter?

a) 10
b) 11
c) 18
d) 19
e) 20

Answer: (e) 20
6, 16, 26, 36, 46, 56, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 76, 86, 96, noting two 6s in 66

6. What is the missing number in the series?

1, 16, 81, __,   625, 1296

Answer: 256
1, 2, 3, 4, 5, 6 to the fourth power.

7. What is the 13th letter of the English alphabet?

a) G
b) J
c) M
d) N
e) P

Answer: (c) M

8. Which vowel is halfway between C and P?

a) A
b) E
c) I
d) O
e) U

Answer (c) I
Right off the bat we know that there are 3 vowels between the C & P (E,I & O), since A comes before C, and U comes after P. E comes right after C, and O comes right before P, therefore the only other vowel left, I, must be the correct answer.

9. Unscramble the letters to form an English word:

D R O H H C R P I S A

Answer: HARPSICHORD

10. In four years, Phil will be half Tim's age. Two years ago, Tim was five times Phil's age. How old is Phil now?

Answer: 4
Four years from now, Phil will be 8 and Tim will be 16. Two years ago, Phil was 2 and Tim was 10.

11. Which object is least like the others?

a) Tree
b) Book
c) Song
d) Caricature
e) Bowl

Answer: (a) Árbol.
A tree is the only naturally occurring object on the list.

12. Now, it's twice as long since noon as it was two hours ago. What time is it now?

a) 11:00
b) 12:30
c) 14:00
d) 14:30
e) 16:00

Answer: 16:00
Now, it's four hours since noon. Two hours ago, it was two hours since noon.

13. Karl owns 28 golf balls. Some are green, some are blue and several are orange. One fourth are red. Are 7 golf balls definitely green?

a) Yes
b) No

Answer: (b) No
NWe don't have enough information to definitively say 7 golf balls are green.

14. If a hexagon is 12, how many is a square?

a) 2
b) 4
c) 8
d) 12
e) 16

Answer: (c) 8
Double the number of sides in a hexagon (which has 6 sides) is 12. Double the number of sides in a square is 8.

15. What word, when added to the beginning of MILL and the end of CHAIN, creates two other words?

Answer: SAW
Sawmill and chainsaw.

16. Two women start at the same point. They walk in opposite directions for 3 meters, then turn right and walk another 4 meters. How far apart are they?

a) 7 meters
b) 10 meters
c) 12 meters
d) 15 meters
e) 21 meters

Answer: (b) 10 meters.
Use the Pythagorean Theorem. 32+42=25. The square root of 25 is 5. This is the distance each woman is from the starting point. Double 5 to arrive at the answer: 10 meters apart.

17. Bill and Jerry start at the same point. Bill walks due West and Jerry walks due East for 6 meters. They turn right and walk 3 more meters. Who is closer to the North Pole?

Answer: Bill
Since Bill starts walking West and Jerry starts walking East, when bill turns right he'll be headed North, while when Jerry turns right he begins heading South.

18. Three painters can paint three walls in three minutes. How many painters are needed to paint 27 walls in nine minutes?

a) 3
b) 6
c) 9
d) 12
e) 15

Answer: (c) 9
Each painter requires three minutes per wall. 27 walls divided by three minutes is nine painters.

19. Which of these numbers is not like the others?

a) 3
b) 4
c) 5
d) 7
e) 11

Answer: (b) 4
The others are prime numbers.

20. Choose the sentence that most closely resembles the meaning of the proverb, "The pen is mightier than the sword."

a) Your ideas are more persuasive than coercion.
b) A pen is more intimidating than a sword.
c) Swords are less durable than pens.
d) Fighting is a bad idea, no matter the circumstances.

Answer: (a) Your ideas are more persuasive than coercion.

21. Unscramble the letters to form a word:

M A A A A R G N

Answer: ANAGRAM

22. Choose the sentence that most closely resembles the meaning of the proverb, "Two wrongs don't make a right."

a) Committing two wrong acts is twice as bad as one.
b) You can't be right by being wrong.
c) Seeking revenge only makes things worse.
d) Two rights don't make a wrong.

Answer: (c) Seeking revenge only makes things worse.

23. Strawberry is to peach as carrot is to?

a) Potato
b) Banana
c) Lettuce
d) Apple
e) Blueberry

Answer: (a) Potato

Potatoes and carrots are root vegetables.

24. What is one quarter of one 10th of one half of 800?

a) 5
b) 10
c) 30
d) 40
e) 80

Answer: (b) 10
One half of 800 is 400. One 10th of 400 is 40. One quarter of 40 is 10.

25. What is the word below?

```
  N E
I      S
S      S
  U B
```

Answer: BUSINESS
When read clockwise starting from the bottom, the letters spell out the word business.

Test 2 Answers

1. The number, "three thousand, eight hundred, sixty-eight," when written backward, is read, "eight thousand, six hundred, eighty-three."

a) True
b) False

Answer: (a) True
3,868 backward is 8,683.

2. If Barry weighs 150 pounds, Ted weighs 125 pounds and Matt weighs 175 pounds, any two of them together weigh 300 pounds.

a) True
b) False

Answer: (b) False
Ted and Matt weigh 300 pounds, but Barry and Ted weigh 275 pounds and Barry and Matt weigh 325 pounds.

3. Aunt is to uncle as grandfather is to:

a) Father
b) Grandmother
c) Mother
d) Sister
e) Nephew

Answer: (b) Grandmother
Male and female versions of the same relation.

4. When the letters are rearranged in ANGRIATEN, you get the name of a:

a) State
b) Country
c) Continent
d) Ocean
e) Planet

Answer: (b) Country
When rearranged, the letters in ANGRIATEN spell out Argentina.

5. Ernie had $10 in cash, with which he purchased gum for $1.29, a candy bar for $1.49 and a beverage for $2.39. If he does not have to pay sales tax, how much change should he receive?

a) $4.83
b) $5.17
c) $5.83
d) $6.12
e) None

Answer: (a) $4.83
His total cost was $5.17. 10 – 5.17 = 4.83

6. Jacob was 27th in line at the airport. He was also 27th from the back of the line. How many people were in line?

a) 27
b) 53
c) 54
d) 55
e) 57

Answer: (b) 53
There were 26 people ahead of Jacob and 26 people behind him. 26+26=52, plus Jacob himself, totaling 53.

7. Max needed to get seven new doors from the home-improvement store for his house. His car could only hold two doors at once. How many times did Max have to visit the store?

a) 2
b) 4
c) 7
d) 8
e) 9

Answer: (b) 4
Two doors per trip allows him to get six doors in three trips. He must make a fourth trip to get the seventh door.

8. Add all the odd numbers in this list: 2, 3, 6, 7, 9, 13, 14, 15. Is the answer an even number or an odd number?

a) Even
b) Odd

Answer: (b) Odd
There are five odd numbers in the list, so the sum of those numbers has to be odd.

9. Does this sentence contain forty-one letters?

a) Yes
b) No

Answer: (b) No
It contains 38 letters.

10. Gertrude is taller than Janelle. Nancy is taller than Gertrude. Who is the tallest?

a) Gertrude
b) Janelle
c) Nancy
d) Don't know

Answer: (c) Nancy
Nancy is taller than Gertrude, who is taller than Janelle.

11. At a business meeting of five people, every person shakes hands with every other person one time. How many total handshakes occur?

a) 5
b) 10
c) 15
d) 20
e) 25

Answer: (b) 10
Each of the five people shake four hands. We then divide by two to exclude counting the handshakes twice. 20/2=10.

12. Add the even numbers in this list: 2, 4, 6, 11, 18, 37, 38. Is the sum an even number or odd number?

a) Even
b) Odd

Answer: (a) Even
Even numbers, when added to each other, will always yield an even result.

13. If Tuesday is the third day of the month, what day of the month is the upcoming Sunday?

a) Sixth
b) Eighth
c) Ninth
d) Tenth

Answer: (b) Eighth

14. Do three of the numbers from this list add to 26?

18, 8, 4, 3, 9

a) Yes
b) No

Answer (b) No

15. The letters in the word, "abstract," are in alphabetical order.

a) True
b) False

Answer: (b) False

16. Can is to soda as jug is to:

a) Cow
b) Milk
c) Cheese
d) Yogurt
e) Plastic

Answer: (b) Milk
A can and jug are containers for soda and milk, respectively.

17. BHHHBHBB is to 28882822 as HBBHHHBB is to:

a) 82288822
b) 82822288
c) 22888228
d) 28228822
e) 88228822

Answer: (a) 82288822
B is equal to 2, and H is equal to 8, so HBBHHHBB is 82288822

18. Some bargles are chongos and some chongos are munhatsens. Are some bargles definitely munhatsens?

a) Yes
b) No

Answer: (b) No
We don't have definitive information to confirm whether any of the bargles who are chongos are also munhatsens.

19. Which identical three-letter word, when placed in front of the following words, forms a new word?

BOY, HIDE, LICK, POKE, HAND

Answer: COW
The words created are cowboy, cowhide, cowlick, cowpoke, and cowhand.

20. Counting from 1 to 51, how many 5s will you encounter?

a) 5
b) 7
c) 8
d) 10
e) 11

Answer: (b) 7
5, 15, 25, 35, 45, 50, 51

21. Unscramble the letters to form an English word:

U T S B O E

Answer: OBTUSE

22. Mike has eight pretzels. If Mike gives half his pretzels to Sandy and Sandy gives three quarters of those pretzels to Jason, how many pretzels does Mike have?

a) 1
b) 3
c) 4
d) 5
e) 8

Answer: (c) 4
Mike gave half his eight pretzels to Sandy, leaving him with four. The number of pretzels Sandy and Jason have are inconsequential.

23. Jeremy bowled three games with an average score of 100. What does he have to average in his next three games to raise his overall average to 150?

a) 150
b) 175
c) 200
d) 250
e) 300

Answer: (c) 200
Jeremy had a total score of 300 through three games. In order to get to an average of 150 after six games, he needs an additional score of 600 (900/6=150). Over three games, a total score of 600 is an average of 200.

24. What is the average of the following numbers?

1, 2, 6

Answer: 3
1+2+6=9. 9/3=3.

25. Which object is least like the others?

a) Key
b) Padlock
c) Door knob
d) Safe

Respuesta: (a) Key
A key can be used to unlock the other objects.

Test 3 Answers

1. What number comes next in this series?

3, 9, 11, 9, 19, 9, __

a) 9
b) 11
c) 21
d) 27
e) 33

Answer: (d) 27
Every other number is 9, with 8 being added to the others.

2. From the following two statements, which conclusion is absolutely true?

1) None of the gardeners are tennis players.
2) All writers are gardeners.

a) Some gardeners are tennis players.
b) Writers are not tennis players.
c) Writers are tennis players.
d) Some writers are not gardeners.

Answer: (b) Writers are not tennis players.
All writers are gardeners and no gardeners are tennis players, so writers are not tennis players.

3. Is the phrase, "Madam, I'm Adam," spelled the same written forward as backward?

a) Yes
b) No

Answer: (a) Yes

4. Do three of the following numbers add up to 12?

2, 8, 3, 4, 6, 9

a) Yes
b) No

Answer: (a) Yes
2+4+6=12

5. Ron's grandmother is Craig's father's mother. How is Ron related to Craig?

a) They are brothers.
b) They are cousins.
c) Ron is Tim's father.
d) Ron is Tim's son.
e) They are either brothers or cousins.

Answer: (e) They are either brothers or cousins.
Ron and Craig have the same grandmother, but we don't have enough information to determine if they are brothers or cousins.

6. What number comes next in this series? 3, 5, 9, 17, 33

a) 38
b) 40
c) 55
d) 65
e) 85

Answer: (d) 65
The difference between each number doubles each time, so 33 needs to be increased by 32, making 65.

7. Consider all numbers from 1-60, in sequence. If you add any two consecutive numbers, will the result be:

a) Odd
b) Even
c) It depends

Answer: (a) Odd
You will always be adding consecutive numbers, so one will be odd and one will be even. Whenever you add an odd and an even number, the sum is an odd number.

8. The word, "vile" can be spelled using four of the letters from the word, "revolution."

a) True
b) False

Answer: (a) True

9. If Thursday is in three days, what day was yesterday?

a) Friday
b) Saturday
c) Sunday
d) Monday
e) Tuesday

Answer: (c) Sunday
Thursday is in three days, so today is Monday. Thus, yesterday was Sunday.

10. Which object is least like the others?

a) Wrist
b) Knee
c) Elbow
d) Skin
e) Jaw

Answer: (d) Skin
Skin is the only organ on the list. The rest are joints.

11. What is the 18th letter of the English alphabet?

a) J
b) K
c) P
d) R
e) S

Answer: (d) R

12. Unscramble the letters to form an English word:

C T T H C R A E I

Answer: ARCHITECT

13. In six years, Jill will be twice Amanda's age. One year ago, Jill was nine times Amanda's age. How old is Jill now?

Answer: 10
Six years from now, Jill will be 16 and Amanda will be 8. One year ago, Jill was 9 and Amanda was 1.

14. Which object is least like the others?

a) Car
b) Wheelbarrow
c) Boat
d) Wagon
e) Motorcycle

Answer: (c) Boat.
A boat is the only object that doesn't use wheels to move.

15. Now, it's five times as long since noon as it was four hours ago. What time is it now?

a) 12:30
b) 13:00
c) 14:00
d) 16:00
e) 17:00

Answer: 17:00
Now, it's five hours since noon. Four hours ago, at 13:00, it was one hour since noon.

16. Jason owns 35 spatulas. Some are purple, some are turquoise and several are black. One seventh are orange. Are 5 spatulas definitely orange?

a) Yes
b) No

Answer: (a) Yes
Jason owns 35 spatulas, one seventh of which are orange. One seventh of 35 is 5.

17. What word, when added to the beginning of PET and the end of PAR, creates two other words?

Answer: SNIP
Snippet and parsnip.

18. Two friends start at the same point. They walk in opposite directions for 3 meters, then turn left and walk another 3 meters. They turn left again and walk another 3 meters. How far apart are they?

a) 0 meters
b) 3 meters
c) 6 meters
d) 10 meters
e) 21 meters

Answer: (c) 6 meters.
Their first three-meter walk puts them six meters apart. They turn left and walk three more meters, making them farther apart. Their final left turn and three-meter walk returns them to three meters from their starting point each, so six meters from each other.

19. Which identical five-letter word, when placed in front of the following words, forms a new word?

EGO, STAR, IMPOSE, HERO

Answer: SUPER
The words created are superego, superstar, superimpose and superhero.

20. If an octagon is 24, how many is a pentagon?

a) 5
b) 6
c) 9
d) 15
e) 27

Answer: (d) 15
Triple the number of sides in an octagon is 24. Triple the number of sides in a pentagon is 15.

21. What is the word below?

```
    SE
S        R
A        B
    PY
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Answer: PASSERBY
Starting from the P and reading clockwise, the letters spell PASSERBY.

22) Are there fifty-three words in this sentence?

a) Yes
b) No

Answer: (b) No
There are 37 letters.

23. Unscramble the letters to form a word:

T T E E R C A D S

Answer: SCATTERED

24. What is the missing number?

28, 29, 57, 86, __, 229

Answer: 143
Each number is the sum of the previous two.

25. QQRRQQQQRQR is to 33113333131 as RQQRRQRQRR is to:

a) 3113313133
b) 1331131311
c) 3311331113
d) 1133113311
e) 3131313131

Answer: (b) 1331131311
If Q equals 3, and R equals 1, then RQQRRQRQRR equals 1331131311.

Test 4 Answers

1. Counting from 1 to 46, how many 4s will you encounter?

a) 8
b) 10
c) 11
d) 12
e) 14

Answer: (d) 12
4, 14, 24, 34, 40, 41, 42, 43, 44, 45, 46 (note the two 4s in 44).

2. Some gomblesteins are panganters and all panganters are gerbelsons. Are some gomblesteins definitely gerbelsons?

a) Yes
b) No

Answer: (a) Yes
We know all panganters are gerbelsons, and we also know some gomblesteins are panganters. That means the gomblesteins who are panganters are definitely gerbelsons.

3. Bruce likes 143 but not 144. He likes 3500 but not 3600. He likes 8 but not 9. Which does he like?

a) 1500
b) 1600

Answer: (a) 1500
Bruce does not like square numbers.

4. What is the next letter in this sequence?

N P O Q P R Q

Answer: S
The pattern goes up two letters, down one letter, up two, down one, repeat.

5. Avocado is to guacamole as tomato is to?

a) Cheese
b) Olive oil
c) Thousand Island dressing
d) Marinara
e) Pumpkin

Answer: (d) Marinara
Avocados are prominent in guacamole and tomatoes are prominent in marinara.

6. Tom and Chad stand on the equator, 12 meters apart. Chad walks 6 meters due East and Tom walks 6 meters due west. How far apart are they now?

a) 0 meters
b) 12 meters
c) 24 meters
d) We don't know

Answer: (d) We don't know.
The situation doesn't specify who is standing where at the beginning. If Chad is standing west of Tom, they end up in the same spot. If Tom is standing west of Chad, they end up 24 meters apart. Thus, without further information, we can't be sure.

7. Six cooks can boil 12 pots of water in four minutes. How many cooks are needed to boil 48 pots of water in four minutes?

a) 12
b) 24
c) 36
d) 48
e) 60

Answer: (b) 24
Each cook requires two minutes per pot. 48 pots divided by two minutes is 24 cooks. Another way to think of it, since the time is the same (four minutes): Six cooks can boil 12 pots, so in order to boil four times as many pots, we need four times as many cooks.

8. What is one third of one fifth of one half of 600?

a) 4
b) 16
c) 20
d) 40
e) 70

Answer: (c) 20
One half of 600 is 300. One fifth of 300 is 60. One third of 60 is 20.

9. 33 minutes after 7 o'clock is 28 minutes before 8 o'clock.

a) True
b) False

Answer: (b) False
7:33 is 27 minutes before 8:00.

10. Which of these numbers is not like the others?

a) 7
b) 8
c) 10
d) 22
e) 24

Answer: (a) 7
The others are even numbers.

11. The number, "nine thousand, three hundred, forty-one," when written backward, is read, "four thousand, one hundred, thirty-nine."

a) True
b) False

Answer: (b) Falso
9,341 backward is 1,439 (not 4,139).

12. Choose the sentence that most closely resembles the meaning of the proverb, "A picture is word a thousand words."

a) Spend your money wisely.
b) One word is worth 1/1000 of a picture.
c) A picture tells a thorough story.
d) A picture can be sold for the same amount as 1,000 words.

Answer: (c) A picture tells a thorough story.
Where as (b) could technically be a literal interpretation, that is not the actual meaning of the proverb.

13. If the red suitcase weighs 40 pounds, the blue suitcase weighs 25 pounds and the black suitcase weighs 72 pounds, any two of them together weigh at least 70 pounds.

a) True
b) False

Answer: (b) False
The red suitcase and the black suitcase weight 112 pounds and the blue suitcase and the black suitcase weigh 97 pounds, but the red suitcase and the blue suitcase only weigh 65 pounds.

14. When the letters are rearranged in C C I I A P F, you get the name of a:

a) State
b) Country
c) Continent
d) Ocean
e) Planet

Answer: (d) Ocean
Pacific.

15. Chris had $4 in cash, with which he purchased coffee for $0.79, a bag of chips for $1.69 and a lottery ticket for $1.00. If he does not have to pay sales tax, how much change should he receive?

a) $1.52
b) $1.12
c) $0.48
d) $0.52
e) None

Answer: (d) $0.52
His total cost was $3.48. 4–3.48=0.52

16. Bastion was 13th in line at the coffee shop. He was also 13th from the back of the line. How many people were in line?

a) 24
b) 25
c) 26
d) 39
e) 40

Answer: (b) 25
There were 12 people ahead of Bastion and 12 people behind him. 12+12=24, plus Bastion himself, totaling 25.

17). Bernice is shorter than Terry. Madelyn is taller than Bernice. Who is the tallest?

a) Bernice
b) Terry
c) Madelyn
d) Don't know

Answer: (d) Don't know.
All we can tell for sure is Bernice is the shortest. The tallest is either Terry or Madelyn, but we don't have enough information to know definitively.

18. If Friday is the second day of the month, what day of the month is the upcoming Sunday?

a) Third
b) Fourth
c) Fifth
d) Sixth

Answer (b) Fourth

19. Do three of the numbers from this list add to 44?

21, 7, 34, 9, 15

a) Yes
b) No

Answer (b) No

20. Casey needed to move 23 huge boxes from his truck to the loading dock. His forklift could only hold three boxes at once. How many times did Casey have to visit the loading dock?

a) 4
b) 6
c) 7
d) 8
e) 9

Answer: (d) 8
Three boxes per trip allows him to deliver 21 boxes in seven trips. He must make an eighth trip to deliver the final two boxes.

21. Add the odd numbers in this list:

3, 4, 7, 18, 28, 37, 39.

Is the sum an even number or odd number?

a) Even
b) Odd

Answer: (a) Even
There are four odd numbers in the list, and when an even number of odd numbers are added together, the sum will always be even.

22. Typing the word, "typewriter," requires only one row of keys on a standard computer keyboard.

a) True
b) False

Answer: (a) True.
The top row of letters contains all the necessary letters.

23. Art is to wall as cup is to:

a) Handle
b) Coffee
c) Cupboard
d) Rim
e) Nail

Answer: (c) Cupboard
A wall is a resting place for art and a cupboard is a resting place for a cup.

24. Which identical four-letter word, when placed in front of the following words, forms a new word?

PRINT, SHAKE, WRITE, STAND, CUFF

Answer: HAND
The words created are handprint, handshake, handwrite, handstand and handcuff.

25. Unscramble the letters to form an English word:

L H C N N A E

Answer: CHANNEL

Grading Scale

Number Correct	Percentile
0	1st
1	1st
2	2nd
3	3rd
4	4th
5	6th
6	10th
7	16th
8	23rd
9	31st
10	41st
11	51st
12	62nd
13	71st
14	80th
15	86th
16	91st
17	95th
18	97th
19	98th
20	99th
21	99th
22	99th
23	99th
24	99th
25	99th