QUIZIZZ

NAME : _____

CLASS : _____

ALGEBRA Grade 6
30 Questions

DATE : _____

1. John bought *x* kg of pears and 5 kg of apples. Total mass of the fruits was....

A (x + 5) kg

B 50 kg

C (x - 5) kg

D 5x kg

2. Pam jogged j km on Monday. She jogged 7 km less on Tuesday. What was the distance she jogged on Tuesday?

A (j + 7) km

B 7j km

C (j - 7) km

D (7 - j) km

3. Lily packed c snacks on each packet. She made 18 such packets. How many snacks did she pack?

A 18 - c

B 18c

C c - 18

D $\frac{18}{c}$

4. Ron read p pages in 50 minutes. How many pages did he read in 1 minute?

A 50p pages

B (p + 50) pages

C (p - 50) pages

D $\frac{p}{50}$ pages

5. Add q to 16

A 16 + q

B 16 - q

C $\frac{16}{q}$

D 16q

LIVEWORKSHEETS

6. subtract 6 from t

A t - 6

B $\frac{t}{6}$

C 6t

D 6 - t

7. 8 groups of d

A 8d

B d - 8

C 8 - d

D $\frac{8}{d}$

8. divide s by 10

A $\frac{s}{10}$

B $\frac{10}{s}$

C 10 - s

D 10s

9. subtract 5 from the product of p and 4

A 5 - 4p

B p - 5 - 4

C 4p - 5

D 5 - p + 4

10. Find the value of 12 + *m* when *m* = 7

A 29

B -9

C 9

D 19

11. Find the value of p + 7 when p = -9

A 2

B 16

C -16

D -2

12. Find the value of 15 - n when n = 10

A 5

B -5

C 25

D -25

LIVEWORKSHEETS

13. Find the value of b - 8 when b = 5

A 3
B -13
C -3
D 13

14. Find the value of 6z when z = 3

A 18
B 2
C 9
D 3

15. find the value of $\frac{p}{7}$ when p = 35

A 28
B 3
C 21
D 5

16. Find the value of 3m - 4 when m = 7

A 18
B 16
C 15
D 17

17. Find the value of $\frac{d}{4}$ + 4 when d = 20

A 8
B 9
C 24
D 16

18. Algebraic expression of $a + a + a$ =

A $\frac{a}{3}$
B 3 + a
C a - 3
D 3a

19. Algebraic expression of 7 x j =

A $\frac{7}{j}$
B 7 - j
C 7j
D 7 + j

LIVEWORKSHEETS

20. $8r - 5r + 1r =$

A $2r$

B $r - 5$

C $6 - r$

D $4r$

21. $7p + 3p - p =$

A $9 + p$

B $9 - p$

C $p - 9$

D $9p$

22. $6t - 4t + 3 =$

A $t + 3$

B $-2t + 3$

C $10t - 3$

D $2t + 3$

23. $5e + 2e + 4 + 3e =$

A $11e + 3$

B $7e + 7$

C $10e - 4$

D $10e + 4$

24. $10n + 7 + n - 5 =$

A $11n + 12$

B $17n + 2$

C $11n + 2$

D $11n - 2$

25. Lin has 5 kg of flour. She buys 2 more packets of flour, each of mass m kg. Find the amount of flour Lin has altogether in term of m.

A $(5 - 2m)$ kg

B $(5 + 2m)$ kg

C $7m$ kg

D $(5m + 2)$ kg

26. Peter bought z robux at \$2 each. Find the amount of money he spent in term of z

A $\$ 2 - z$

B $\$ 2 + z$

C $\$ 2z + 2$

D $\$ 2z$

LIVEWORKSHEETS

27. Mrs. Qin bought *d* bottles of syrup at $4 each. She gave the cashier $50. Find the change Mrs. Qin received in term of *d*.

A $ 46*d*

B $ (50d - 4)

C $ 54*d*

D $ (50 - 4*d*)

28. Lizz had 15 stickers. Bony has *n* less stickers than Lizz. Find the total stickers they have altogether in term of *n*

A (15*n* + *n*) stickers

B (15 - *n*) stickers

C 15 + (15 - *n*) stickers

D (15 + *n*) stickers

29. Mrs. Jane had *y* meters of ribbon. She used 2 meters to make headband. She used the remaining ribbon to make 4 dresses. Find the amount of ribbon used to make each dress in term of *y*

A (y - 4) : 2 meters

B (y + 2) : 4 meters

C 4 (y - 2) meters

D (y - 2) : 4 meters

30. Beth uses a piece of wire 40 cm long to form a rectangle. The length of the rectangle is 3 times its breadth. Find the breadth of the rectangle.

A 25 cm

B 15 cm

C 5 cm

D 10 cm

LIVEWORKSHEETS