QUIZIZZ

ALGEBRA Grade 6
30 Questions

NAME : _____

CLASS : _____

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	$\dfrac{18}{c}$

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	$\dfrac{p}{50}$ pages

5. Add q to 16

A	16 + q	B	16 - q
C	$\dfrac{16}{q}$	D	16q

6.   subtract 6 from t

A	t - 6	B	$\dfrac{t}{6}$
C	6t	D	6 - t

7.   8 groups of d

A	8d	B	d - 8
C	8 - d	D	$\dfrac{8}{d}$

8.   divide s by 10

A	$\dfrac{s}{10}$	B	$\dfrac{10}{s}$
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

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

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	$\$ 2z$

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