

Math Review - Grade 6

Total questions: 20

Worksheet time: 20mins

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Name

Class

Date

1. Which expression is equal to "the product of five and c, decreased by three"?

a) $5c - 3$

b) $5 + c - 3$

c) $5 - c - 3$

d) $5c + 3$

2. Find the GCF of 32 and 40.

a) 4

b) 2

c) 16

d) 8

3. Which has the largest value?

a) $100 - 4 \times 9$

b) $5 (3 + 2 \times 5)$

c) $8 \times 6 + 12$

d) $5 (10 - 2 \times 3)$

4. Evaluate the expression $4a - b$. Let $a = 5$ and $b = 4$

a) 13

b) 24

c) 41

d) 16

5. Find the LCM of 6 and 8.

a) 48

b) 24

c) 12

d) 2

6. Which ratio is equivalent to the ratio 4 to 7?

a) 4 to 14

b) 12 to 21

c) 8 to 21

d) 2 to 3

7. Evaluate the expression: $40 - 2 \times 5 + 18$

a) 36

b) 208

c) 12

d) 48

8. Which temperature is the warmest?

a) -12 degrees

b) -4 degrees

c) -10 degrees

d) -8 degrees

9. Which set of numbers is ordered from least to greatest?

a) -4, -2, -1

b) -2, -8, 4

c) -10, -5, -7

d) 3, -1, -5

10. A car travels 40 miles in 5 hours. How far can the car travel in 7 hours?

a) 200 miles

b) 56 miles

c) 35 miles

d) 64 miles

11. Which expression is equivalent to the expression $5(8a - 6)$?

a) $19a$

b) $40a + 30$

c) $40a - 30$

d) $13a + 11$

12. Brett made 16 out of 20 shots. What percent did he make?

a) 60%

b) 80%

c) 36%

d) 72%

13. The ratio of boys to girls is 7 to 2. If there are 18 girls, how many boys are there?

a) 64

b) 25

c) 63

d) 56

14. Which inequality is true?

a) $4 < 2$

b) $-4 > 7$

c) $-5 > -8$

d) $-5 > 7$

15. Find the area of a triangle that has a base of 6 ft and a height of 8 ft.

a) 56 sq ft

b) 48 sq ft

c) 14 sq ft

d) 24 sq ft

16. Find the distance between point A (-4, 2) and point B (3, 2).

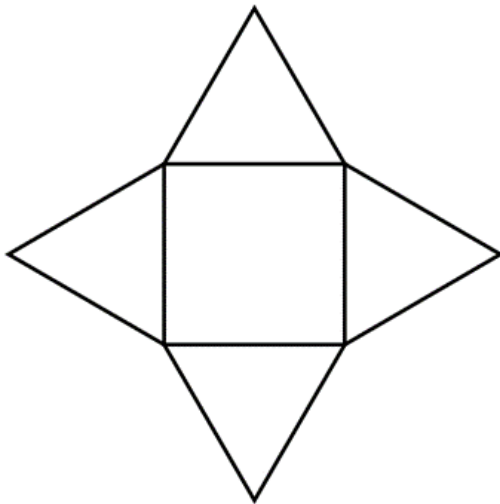
a) 5 units

b) 7 units

c) 1 unit

d) 6 units

17.



What type of three dimensional figure can be created by folding the net shown in the picture?

a) Cube

b) Triangular pyramid

c) Square pyramid

d) Rectangular Prism

18.
$$\frac{4}{5} \div \frac{1}{2}$$

a) $\frac{2}{5}$

b) $\frac{4}{10}$

c) $1\frac{3}{5}$

d) 3

19. Jake bought a bucket of golf balls with X number of golf balls. He hit 12 golf balls. Which expression represents the number of golf balls left in the bucket?

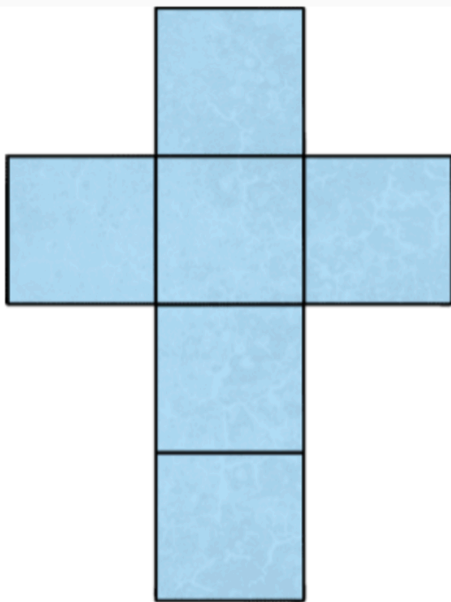
a) $x + 12$

b) $|x + 12|$

c) $x - 12$

d) $12x$

20.



Net of a cube

The picture is a net of a cube. If each side measures 5 in, what would the surface area be for the picture shown?

a) 30 sq ft

b) 100 sq ft

c) 150 sq ft

d) 25 sq ft