

4th Grade Math Quiz

Fifteen math problems covering multiplication, fractions, measurement, and shapes. Can you pass 4...

Name / Team:

Score:

1 What is 23×4 ?

- A. 82
B. 92
C. 86
D. 96

2 Which fraction is equivalent to $1/2$?

- A. $2/3$
B. $3/6$
C. $2/5$
D. $1/3$

3 How many inches are in 3 feet?

- A. 24
B. 30
C. 36
D. 48

4 What is the perimeter of a rectangle that is 8 cm long and 5 cm wide?

- A. 13 cm
B. 40 cm
C. 26 cm
D. 20 cm

5 What is 456 rounded to the nearest hundred?

- A. 400
B. 460
C. 500
D. 450

6 What is $1/4$ of 20?

- A. 4
B. 5
C. 10
D. 8

7 Which of these is greater: 0.5 or 0.35?

- A. 0.35
B. 0.5
C. They are equal
D. Cannot be determined

8 What type of angle measures exactly 90 degrees?

- A. Acute
B. Obtuse
C. Right
D. Straight

9 What is 7×8 ?

- A. 54
B. 56
C. 48
D. 64

10 Which is larger: $3/4$ or $2/3$?

- A. $2/3$
B. $3/4$
C. They are equal
D. Cannot be determined

11 If you have 36 stickers and divide them equally among 4 friends, how many does each friend get?

- A. 7
B. 8
C. 9
D. 12

12 What is the area of a rectangle that is 6 meters long and 4 meters wide?

- A. 10 square meters
B. 20 square meters
C. 24 square meters
D. 48 square meters

4th Grade Math Quiz

(continued)

13 How many minutes are in 2 hours?

- A. 100
- B. 200
- C. 120
- D. 90

14 What number is in the thousands place in 5,382?

- A. 3
- B. 5
- C. 8
- D. 2

15 A triangle has sides measuring 3 cm, 4 cm, and 5 cm. What is its perimeter?

- A. 7 cm
- B. 10 cm
- C. 12 cm
- D. 15 cm

4th Grade Math Quiz — Answer Key

1. B 92

$23 \times 4 = 20 \times 4 = 80$, plus $3 \times 4 = 12$. $80 + 12 = 92$.

2. B $\frac{3}{6}$

$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$. Multiply both top and bottom by the same number to find equivalent fractions.

3. C 36

There are 12 inches in one foot. $3 \times 12 = 36$ inches.

4. C 26 cm

Perimeter = $2 \times (\text{length} + \text{width}) = 2 \times (8 + 5) = 2 \times 13 = 26$ cm.

5. C 500

Look at the tens digit (5). Since it is 5 or greater, round up. 456 rounds to 500.

6. B 5

$\frac{1}{4}$ of 20 means 20 divided by 4, which equals 5.

7. B 0.5

$0.5 = 0.50$, which is greater than 0.35. Compare the tenths place first: 5 tenths is greater than 3 tenths.

8. C Right

A right angle is exactly 90 degrees. An acute angle is less than 90. An obtuse angle is between 90 and 180. A straight angle is 180.

9. B 56

$7 \times 8 = 56$. This is one of the multiplication facts students most commonly struggle with.

10. B $\frac{3}{4}$

Find a common denominator: $\frac{3}{4} = \frac{9}{12}$ and $\frac{2}{3} = \frac{8}{12}$. Since $\frac{9}{12} > \frac{8}{12}$, $\frac{3}{4}$ is larger.

11. C 9

36 divided by $4 = 9$ stickers per friend.

12. C 24 square meters

Area = length \times width = $6 \times 4 = 24$ square meters. Area is always measured in square units.

13. C 120

There are 60 minutes in one hour. $2 \times 60 = 120$ minutes.

14. B 5

In 5,382: 2 is in the ones place, 8 in the tens, 3 in the hundreds, and 5 in the thousands.

15. C 12 cm

Perimeter is the total distance around the outside. $3 + 4 + 5 = 12$ cm.