Mathematics Foundations Challenge

Basic Math · Answer Key · 20 Questions

1. What is the product of 14 and 12?

A) 156
B) 168
C) 172
D) 144

2. Which of the following is a prime number?

A) 15
B) 21
C) 29
D) 33

3. How many degrees are in a straight angle?

A) 90
B) 180
C) 270
D) 360

4. What is 25% of 200?

A) 25
B) 40
C) 50
D) 75

5. Which number is the result of 7 squared?

A) 14
B) 42
C) 47
D) 49

6. What is the perimeter of a rectangle with a length of 8cm and a width of 5cm?

A) 13cm
B) 26cm
C) 40cm
D) 18cm

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

7. If a triangle has two equal sides, what is it called?

A) Scalene
B) Equilateral
C) Isosceles
D) Right

8. What is the value of 15 minus negative 5?

A) 10
B) 20
C) -10
D) -20

9. How many sides does a heptagon have?

A) 5
B) 6
C) 7
D) 8

10. What is the smallest common multiple of 4 and 6?

A) 8
B) 10
C) 12
D) 24

11. What is the result of 10 to the power of 3?

A) 30
B) 100
C) 1000
D) 3000

12. Which fraction is equivalent to 0.5?

A) 1/2
B) 1/3
C) 1/4
D) 2/5

13. How many millimetres are in 3 centimetres?

A) 3
B) 30
C) 300
D) 3000

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.

14. What is the square root of 81?

A) 7
B) 8
C) 9
D) 11

15. Which number represents the 'identity property' of multiplication?

A) 0
B) 1
C) 2
D) 10

16. What is the sum of the interior angles of a triangle?

A) 90
B) 180
C) 270
D) 360

17. How many grams are in 2.5 kilograms?

A) 25
B) 250
C) 2500
D) 25000

18. If a clock shows 3:30, what type of angle is formed by the hands?

A) Acute
B) Obtuse
C) Right
D) Reflex

19. What is the quotient of 144 divided by 12?

A) 10
B) 11
C) 12
D) 14

20. Which of these numbers is a composite number?

A) 2
B) 13
C) 17
D) 21

Quixly | This material was auto-generated. Quixly is not liable for errors or omissions. Visit quixlylearn.com to report corrections.