

Fundamentals of Mathematics

Mathematics · Answer Key · 18 Questions

1. What is the value of the square root of 144?

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

2. How many degrees are in a straight angle?

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

3. What is the result of 15 multiplied by 4?

- A) 50
- B) 55
- C) 60**
- D) 65

4. Which of these numbers is a prime number?

- A) 9
- B) 15
- C) 21
- D) 23**

5. What is the perimeter of a square with a side length of 5cm?

- A) 10cm
- B) 20cm**
- C) 25cm
- D) 50cm

6. How many sides does a hexagon have?

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

7. What is 25 percent of 200?

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

8. What is the value of 2 raised to the power of 4?

- A) 6
- B) 8
- C) 12
- D) 16**

9. Which number is the additive identity?

- A) -1
- B) 0**
- C) 1
- D) 10

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

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

11. What is the value of Pi rounded to two decimal places?

- A) 3.12
- B) 3.14**
- C) 3.16
- D) 3.18

12. What is 100 divided by 0.5?

- A) 50
- B) 100
- C) 200**
- D) 500

13. What is the area of a rectangle with a length of 6m and a width of 4m?

- A) 10sqm
- B) 20sqm
- C) 24sqm**
- D) 48sqm

14. What is the next prime number after 7?

- A) 8
- B) 9
- C) 10
- D) 11**

15. How many minutes are in 3 hours?

- A) 120
- B) 150
- C) 180**
- D) 210

16. What is the result of 10 squared?

- A) 20
- B) 50
- C) 100**
- D) 1000

17. Which of these is an obtuse angle?

- A) 45 degrees
- B) 90 degrees
- C) 120 degrees**
- D) 180 degrees

18. What is the product of 0 and 500?

- A) 0**
- B) 1
- C) 50
- D) 500