

1. What is the value of  $7 + 5 \times 2$ ?

- ☐ 14
- ☐ 19
- ☐ 18
- ☐ 16

2. What is the area of a rectangle with a length of 10 units and a width of 5 units?

- ☐ 50 square units
- ☐ 50 square units
- ☐ 15 square units
- ☐ 25 square units

3. If  $x = 3$ , what is the value of  $2x^2 + 5$ ?

- ☐ 8
- ☐ 20
- ☐ 23
- ☐ 16

4. What is the solution to the equation  $3x - 7 = 11$ ?

- ☐ 6
- ☐ 5
- ☐ 4
- ☐ 7

5. Which of the following is a prime number?

- ☐ 15
- ☐ 21
- ☐ 13
- ☐ 9

6. What is the value of the expression  $5^3$ ?

- ☐ 15
- ☐ 25
- ☐ 125
- ☐ 100

7. What is the next term in the sequence: 2, 4, 8, 16...?

- ☐ 20
- ☐ 32
- ☐ 24
- ☐ 64

8. What is the slope of the line represented by the equation  $y = 2x + 3$ ?

- ☐ 3
- ☐ 2
- ☐ 1
- ☐ 0

9. What is the value of  $\pi$  (pi) approximately?

- ☐ 3.14
- ☐ 3.41
- ☐ 3.00
- ☐ 3.50

10. What is the solution for  $x$  in the equation  $2x + 3 = 11$ ?

- ☐ 4
- ☐ 3
- ☐ 5
- ☐ 6