

Grade 3 Area And Perimeter Challenge Worksheet

Set 030

Grade 3 · Area And Perimeter · Challenge

Name: _____ Date: _____

Find rectangle areas and perimeters. Label area in square units and perimeter in units; show both parts for composite figures.

1. Find the area of a rectangle that is 5 units long and 9 units wide.

Answer: _____

2. Find the perimeter of a rectangle with side lengths 8 units and 6 units.

Answer: _____

3. A rectangular poster is 10 inches by 3 inches. What is its area in square inches?

Answer: _____

4. A rectangular sandbox is 10 units long and 5 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 63 square units and one side is 9 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 16 units and one side is 5 units. What is the other side length?

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 4 by 10 units and 7 by 3 units. What is the total area?

Answer: _____

8. Rectangle A is 6 by 4 units. Rectangle B is 8 by 6 units. What is the positive difference between their areas?

Answer: _____

9. Find the area of a rectangle that is 3 units long and 9 units wide.

Answer: _____

10. Find the perimeter of a rectangle with side lengths 10 units and 5 units.

Answer: _____

11. A rectangular poster is 10 inches by 6 inches. What is its area in square inches?

Answer: _____

12. A rectangular sandbox is 10 units long and 4 units wide. How many units is its perimeter?

Answer: _____

13. A rectangle has area 10 square units and one side is 5 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 16 units and one side is 6 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 10 by 5 units and 5 by 2 units. What is the total area?

Answer: _____

16. Rectangle A is 4 by 9 units. Rectangle B is 4 by 4 units. What is the positive difference between their areas?

Answer: _____

17. Find the area of a rectangle that is 3 units long and 3 units wide.

Answer: _____

18. Find the perimeter of a rectangle with side lengths 3 units and 9 units.

Answer: _____

19. A rectangular poster is 10 inches by 5 inches. What is its area in square inches?

Answer: _____

20. A rectangular sandbox is 8 units long and 6 units wide. How many units is its perimeter?

Answer: _____

21. A rectangle has area 80 square units and one side is 10 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 28 units and one side is 10 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 10 by 4 units and 7 by 5 units. What is the total area?

Answer: _____

24. Rectangle A is 3 by 9 units. Rectangle B is 5 by 9 units. What is the positive difference between their areas?

Answer: _____

Answer Key

Answers for all 24 questions

1. 45	2. 28
3. 30	4. 30
5. 7	6. 3
7. 61	8. 24
9. 27	10. 30
11. 60	12. 28
13. 2	14. 2
15. 60	16. 20
17. 9	18. 24
19. 50	20. 28
21. 8	22. 4
23. 75	24. 18