

Grade 3 Area And Perimeter Challenge Worksheet

Set 027

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 10 units long and 7 units wide.

Answer: _____

2. Find the perimeter of a rectangle with side lengths 5 units and 9 units.

Answer: _____

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

Answer: _____

4. A rectangular sandbox is 9 units long and 8 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 45 square units and one side is 9 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 30 units and one side is 10 units. What is the other side length?

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 4 by 4 units and 6 by 4 units. What is the total area?

Answer: _____

8. Rectangle A is 4 by 10 units. Rectangle B is 10 by 6 units. What is the positive difference between their areas?

Answer: _____

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

Answer: _____

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

Answer: _____

11. A rectangular poster is 9 inches by 9 inches. What is its area in square inches?

Answer: _____

12. A rectangular sandbox is 3 units long and 5 units wide. How many units is its perimeter?

Answer: _____

13. A rectangle has area 15 square units and one side is 3 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 20 units and one side is 6 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 7 by 5 units and 8 by 7 units. What is the total area?

Answer: _____

16. Rectangle A is 8 by 3 units. Rectangle B is 2 by 7 units. What is the positive difference between their areas?

Answer: _____

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

Answer: _____

18. Find the perimeter of a rectangle with side lengths 3 units and 7 units.

Answer: _____

19. A rectangular poster is 4 inches by 8 inches. What is its area in square inches?

Answer: _____

20. A rectangular sandbox is 8 units long and 10 units wide. How many units is its perimeter?

Answer: _____

21. A rectangle has area 12 square units and one side is 3 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 26 units and one side is 7 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 7 by 8 units and 6 by 4 units. What is the total area?

Answer: _____

24. Rectangle A is 5 by 8 units. Rectangle B is 3 by 8 units. What is the positive difference between their areas?

Answer: _____

Answer Key

Answers for all 24 questions

1. 70	2. 28
3. 50	4. 34
5. 5	6. 5
7. 40	8. 20
9. 45	10. 20
11. 81	12. 16
13. 5	14. 4
15. 91	16. 10
17. 27	18. 20
19. 32	20. 36
21. 4	22. 6
23. 80	24. 16