

Grade 3 Area And Perimeter Challenge Worksheet

Set 024

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 2 units wide.

Answer: _____

2. Find the perimeter of a rectangle with side lengths 3 units and 6 units.

Answer: _____

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

Answer: _____

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

Answer: _____

5. A rectangle has area 15 square units and one side is 5 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 36 units and one side is 10 units. What is the other side length?

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 8 by 7 units and 3 by 4 units. What is the total area?

Answer: _____

8. Rectangle A is 5 by 4 units. Rectangle B is 10 by 7 units. What is the positive difference between their areas?

Answer: _____

9. Find the area of a rectangle that is 6 units long and 3 units wide.

Answer: _____

10. Find the perimeter of a rectangle with side lengths 10 units and 3 units.

Answer: _____

11. A rectangular poster is 10 inches by 9 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

13. A rectangle has area 27 square units and one side is 9 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 24 units and one side is 5 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 7 by 3 units and 5 by 5 units. What is the total area?

Answer: _____

16. Rectangle A is 3 by 5 units. Rectangle B is 6 by 7 units. What is the positive difference between their areas?

Answer: _____

17. Find the area of a rectangle that is 4 units long and 9 units wide.

Answer: _____

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

Answer: _____

19. A rectangular poster is 6 inches by 8 inches. What is its area in square inches?

Answer: _____

20. A rectangular sandbox is 10 units long and 6 units wide. How many units is its perimeter?

Answer: _____

21. A rectangle has area 28 square units and one side is 7 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 18 units and one side is 3 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 3 by 5 units and 8 by 7 units. What is the total area?

Answer: _____

24. Rectangle A is 7 by 5 units. Rectangle B is 9 by 8 units. What is the positive difference between their areas?

Answer: _____

Answer Key

Answers for all 24 questions

1. 10	2. 18
3. 32	4. 36
5. 3	6. 8
7. 68	8. 50
9. 18	10. 26
11. 90	12. 18
13. 3	14. 7
15. 46	16. 27
17. 36	18. 36
19. 48	20. 32
21. 4	22. 6
23. 71	24. 37