

Grade 3 Area And Perimeter Challenge Worksheet

Set 015

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 10 units wide.

Answer: _____

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

Answer: _____

3. A rectangular poster is 3 inches by 9 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

5. A rectangle has area 20 square units and one side is 5 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 24 units and one side is 4 units. What is the other side length?

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 3 by 9 units and 3 by 3 units. What is the total area?

Answer: _____

8. Rectangle A is 6 by 7 units. Rectangle B is 3 by 2 units. What is the positive difference between their areas?

Answer: _____

9. Find the area of a rectangle that is 5 units long and 2 units wide.

Answer: _____

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

Answer: _____

11. A rectangular poster is 8 inches by 7 inches. What is its area in square inches?

Answer: _____

12. A rectangular sandbox is 7 units long and 3 units wide. How many units is its perimeter?

Answer: _____

13. A rectangle has area 56 square units and one side is 8 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 26 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 4 units and 8 by 2 units. What is the total area?

Answer: _____

16. Rectangle A is 3 by 8 units. Rectangle B is 8 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 2 units wide.

Answer: _____

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

Answer: _____

19. A rectangular poster is 6 inches by 4 inches. What is its area in square inches?

Answer: _____

20. A rectangular sandbox is 9 units long and 7 units wide. How many units is its perimeter?

Answer: _____

21. A rectangle has area 32 square units and one side is 8 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 28 units and one side is 9 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 5 by 9 units and 5 by 4 units. What is the total area?

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 100	2. 20
3. 27	4. 30
5. 4	6. 8
7. 36	8. 36
9. 10	10. 20
11. 56	12. 20
13. 7	14. 7
15. 56	16. 8
17. 6	18. 26
19. 24	20. 32
21. 4	22. 5
23. 65	24. 28