

Grade 3 Area And Perimeter Challenge Worksheet

Set 003

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 9 units long and 6 units wide.

Answer: _____

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

Answer: _____

3. A rectangular poster is 7 inches by 6 inches. What is its area in square inches?

Answer: _____

4. A rectangular sandbox is 5 units long and 9 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 30 square units and one side is 3 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 32 units and one side is 6 units. What is the other side length?

Answer: _____

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

Answer: _____

8. Rectangle A is 4 by 2 units. Rectangle B is 9 by 3 units. What is the positive difference between their areas?

Answer: _____

9. Find the area of a rectangle that is 7 units long and 6 units wide.

Answer: _____

10. Find the perimeter of a rectangle with side lengths 4 units and 6 units.

Answer: _____

11. A rectangular poster is 4 inches by 10 inches. What is its area in square inches?

Answer: _____

12. A rectangular sandbox is 6 units long and 9 units wide. How many units is its perimeter?

Answer: _____

13. A rectangle has area 40 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 3 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 6 by 2 units and 3 by 6 units. What is the total area?

Answer: _____

16. Rectangle A is 6 by 2 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 5 units long and 10 units wide.

Answer: _____

18. Find the perimeter of a rectangle with side lengths 5 units and 6 units.

Answer: _____

19. A rectangular poster is 10 inches by 2 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

21. A rectangle has area 48 square units and one side is 8 units. What is the other side length?

Answer: _____

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

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 3 by 10 units and 2 by 3 units. What is the total area?

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 54	2. 12
3. 42	4. 28
5. 10	6. 10
7. 64	8. 19
9. 42	10. 20
11. 40	12. 30
13. 5	14. 10
15. 30	16. 30
17. 50	18. 22
19. 20	20. 28
21. 6	22. 2
23. 36	24. 23