

Grade 3 Area And Perimeter Challenge Worksheet

Set 018

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 8 units long and 4 units wide.

Answer: _____

2. Find the perimeter of a rectangle with side lengths 8 units and 3 units.

Answer: _____

3. A rectangular poster is 7 inches by 4 inches. What is its area in square inches?

Answer: _____

4. A rectangular sandbox is 4 units long and 7 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 54 square units and one side is 6 units. What is the other side length?

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

9. Find the area of a rectangle that is 10 units long and 8 units wide.

Answer: _____

10. Find the perimeter of a rectangle with side lengths 3 units and 8 units.

Answer: _____

11. A rectangular poster is 9 inches by 2 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

17. Find the area of a rectangle that is 4 units long and 3 units wide.

Answer: _____

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

Answer: _____

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

Answer: _____

20. A rectangular sandbox is 5 units long and 5 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 30 units and one side is 8 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 6 by 3 units and 2 by 4 units. What is the total area?

Answer: _____

24. Rectangle A is 8 by 10 units. Rectangle B is 7 by 2 units. What is the positive difference between their areas?

Answer: _____

Answer Key

Answers for all 24 questions

1. 32	2. 22
3. 28	4. 22
5. 9	6. 9
7. 65	8. 32
9. 80	10. 22
11. 18	12. 36
13. 6	14. 6
15. 40	16. 31
17. 12	18. 28
19. 21	20. 20
21. 4	22. 7
23. 26	24. 66