

Grade 3 Area And Perimeter Challenge Worksheet

Set 033

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 7 units long and 8 units wide.

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

5. A rectangle has area 42 square units and one side is 6 units. What is the other side length?

Answer: _____

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

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 8 by 2 units and 5 by 3 units. What is the total area?

Answer: _____

8. Rectangle A is 7 by 2 units. Rectangle B is 3 by 5 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 6 units and 2 units.

Answer: _____

11. A rectangular poster is 10 inches by 7 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 28 square units and one side is 7 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 34 units and one side is 7 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 5 by 4 units and 3 by 3 units. What is the total area?

Answer: _____

16. Rectangle A is 10 by 6 units. Rectangle B is 7 by 2 units. What is the positive difference between their areas?

Answer: _____

17. Find the area of a rectangle that is 5 units long and 3 units wide.

Answer: _____

18. Find the perimeter of a rectangle with side lengths 4 units and 7 units.

Answer: _____

19. A rectangular poster is 5 inches by 2 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

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

Answer: _____

22. A rectangle has perimeter 10 units and one side is 3 units. What is the other side length?

Answer: _____

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

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 56	2. 24
3. 12	4. 26
5. 7	6. 2
7. 31	8. 1
9. 45	10. 16
11. 70	12. 36
13. 4	14. 10
15. 29	16. 46
17. 15	18. 22
19. 10	20. 40
21. 7	22. 2
23. 32	24. 30