

Grade 3 Area And Perimeter Challenge Worksheet

Set 012

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 4 units long and 10 units wide.

Answer: _____

2. Find the perimeter of a rectangle with side lengths 7 units and 5 units.

Answer: _____

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

Answer: _____

4. A rectangular sandbox is 7 units long and 5 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 18 square units and one side is 9 units. What is the other side length?

Answer: _____

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

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 6 by 3 units and 2 by 7 units. What is the total area?

Answer: _____

8. Rectangle A is 7 by 4 units. Rectangle B is 5 by 2 units. What is the positive difference between their areas?

Answer: _____

9. Find the area of a rectangle that is 8 units long and 4 units wide.

Answer: _____

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

Answer: _____

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

Answer: _____

12. A rectangular sandbox is 10 units long and 6 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 32 units and one side is 7 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 6 by 8 units and 7 by 2 units. What is the total area?

Answer: _____

16. Rectangle A is 9 by 5 units. Rectangle B is 6 by 4 units. What is the positive difference between their areas?

Answer: _____

17. Find the area of a rectangle that is 7 units long and 8 units wide.

Answer: _____

18. Find the perimeter of a rectangle with side lengths 9 units and 5 units.

Answer: _____

19. A rectangular poster is 7 inches by 2 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

21. A rectangle has area 18 square units and one side is 6 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 16 units and one side is 3 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 5 by 2 units and 4 by 4 units. What is the total area?

Answer: _____

24. Rectangle A is 10 by 4 units. Rectangle B is 3 by 10 units. What is the positive difference between their areas?

Answer: _____

Answer Key

Answers for all 24 questions

1. 40	2. 24
3. 10	4. 24
5. 2	6. 5
7. 32	8. 18
9. 32	10. 26
11. 20	12. 32
13. 3	14. 9
15. 62	16. 21
17. 56	18. 28
19. 14	20. 28
21. 3	22. 5
23. 26	24. 10