

Grade 3 Area And Perimeter Challenge Worksheet

Set 021

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 6 units long and 6 units wide.

Answer: _____

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

Answer: _____

3. A rectangular poster is 10 inches by 6 inches. What is its area in square inches?

Answer: _____

4. A rectangular sandbox is 10 units long and 8 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 24 square units and one side is 3 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 24 units and one side is 5 units. What is the other side length?

Answer: _____

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

Answer: _____

8. Rectangle A is 3 by 5 units. Rectangle B is 2 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 8 units wide.

Answer: _____

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

Answer: _____

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

Answer: _____

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

Answer: _____

13. A rectangle has area 60 square units and one side is 6 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 18 units and one side is 7 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 10 by 5 units and 2 by 2 units. What is the total area?

Answer: _____

16. Rectangle A is 7 by 4 units. Rectangle B is 9 by 8 units. What is the positive difference between their areas?

Answer: _____

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

Answer: _____

18. Find the perimeter of a rectangle with side lengths 3 units and 3 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 8 units long and 8 units wide. How many units is its perimeter?

Answer: _____

21. A rectangle has area 8 square units and one side is 4 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 26 units and one side is 9 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 9 by 3 units and 7 by 5 units. What is the total area?

Answer: _____

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

Answer: _____

Answer Key

Answers for all 24 questions

1. 36	2. 36
3. 60	4. 36
5. 8	6. 7
7. 41	8. 9
9. 56	10. 32
11. 24	12. 30
13. 10	14. 2
15. 54	16. 44
17. 80	18. 12
19. 21	20. 32
21. 2	22. 4
23. 62	24. 8