

Grade 3 Area And Perimeter Challenge Worksheet

Set 006

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 5 units wide.

Answer: _____

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

Answer: _____

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

Answer: _____

4. A rectangular sandbox is 8 units long and 3 units wide. How many units is its perimeter?

Answer: _____

5. A rectangle has area 6 square units and one side is 3 units. What is the other side length?

Answer: _____

6. A rectangle has perimeter 36 units and one side is 10 units. What is the other side length?

Answer: _____

7. A figure is made from nonoverlapping rectangles measuring 10 by 3 units and 4 by 5 units. What is the total area?

Answer: _____

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

Answer: _____

9. Find the area of a rectangle that is 10 units long and 6 units wide.

Answer: _____

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

Answer: _____

11. A rectangular poster is 6 inches by 9 inches. What is its area in square inches?

Answer: _____

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

Answer: _____

13. A rectangle has area 36 square units and one side is 4 units. What is the other side length?

Answer: _____

14. A rectangle has perimeter 20 units and one side is 4 units. What is the other side length?

Answer: _____

15. A figure is made from nonoverlapping rectangles measuring 6 by 7 units and 8 by 4 units. What is the total area?

Answer: _____

16. Rectangle A is 10 by 7 units. Rectangle B is 4 by 7 units. What is the positive difference between their areas?

Answer: _____

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

Answer: _____

18. Find the perimeter of a rectangle with side lengths 3 units and 9 units.

Answer: _____

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

Answer: _____

20. A rectangular sandbox is 7 units long and 9 units wide. How many units is its perimeter?

Answer: _____

21. A rectangle has area 70 square units and one side is 10 units. What is the other side length?

Answer: _____

22. A rectangle has perimeter 22 units and one side is 5 units. What is the other side length?

Answer: _____

23. A figure is made from nonoverlapping rectangles measuring 4 by 9 units and 8 by 3 units. What is the total area?

Answer: _____

24. Rectangle A is 8 by 6 units. Rectangle B is 10 by 5 units. What is the positive difference between their areas?

Answer: _____

Answer Key

Answers for all 24 questions

1. 45	2. 24
3. 25	4. 22
5. 2	6. 8
7. 50	8. 24
9. 60	10. 32
11. 54	12. 24
13. 9	14. 6
15. 74	16. 42
17. 90	18. 24
19. 18	20. 32
21. 7	22. 6
23. 60	24. 2