

Measurement, Perimeter, and Area Foundations

Units, perimeter, rectangle and triangle area, and early measurement sense.

Name _____ Date _____

32 main 2-up grid 2 pages

Completion Reward



Shown here as a small pack artifact, not a preview destination.

1. Which unit would make the most sense for the length of a classroom?

- A. square meters
- B. cubic meters
- C. meters
- D. degrees

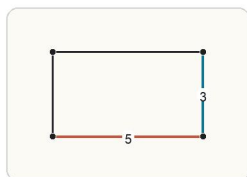
2. Which unit makes the most sense for the area of a desk top?

- A. centimeters
- B. cubic centimeters
- C. square centimeters
- D. degrees

3. What does perimeter measure?

- A. The space inside a figure
- B. The total distance around a figure
- C. The number of angles
- D. The height of a figure

4. What does area measure?



Area measures how much surface is covered inside the figure, not the length around its boundary.

- A. The total distance around a figure
- B. Only the horizontal length
- C. The amount of space inside a figure
- D. Only the vertical length

5. Which unit would be used for area?

- A. units
- B. degrees
- C. meters per second
- D. square units

6. Which formula gives the area of a triangle?

- A. base + height
- B. $2(\text{base} + \text{height})$
- C. $\frac{1}{2} \times \text{base} \times \text{height}$
- D. side \times side

7. Which description matches area?

- A. The amount of space inside a shape
- B. The distance around the outside of a shape
- C. The length of one side only
- D. The measure of a turn

8. What is the best next step to find the area of a rectangle if you know its length and width?

- A. Add the length and width
- B. Subtract the width from the length
- C. Multiply the length by the width
- D. Divide the length by the width

9. A student says the area of a 4 by 7 rectangle is 22. What is the mistake?

- A. They multiplied when they should have subtracted
- B. They forgot to divide by 2
- C. There is no mistake
- D. They added the side lengths instead of multiplying them

10. A student says the area of a 4-by-6 rectangle is $4 + 6$. What is wrong?

- A. Area uses multiplication, not addition
- B. Area should be $4 - 6$
- C. Perimeter and area are always the same
- D. You should divide 4 by 6

11. A rectangle has length 5 and width 3. Find its perimeter. Answer with a number.

12. A rectangle has length 5 and width 3. Find its area. Answer with a number.

13. A square has side length 7. Find its perimeter. Answer with a number.

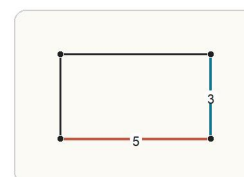
14. A square has side length 7. Find its area. Answer with a number.

15. A regular pentagon has side length 6. Find its perimeter. Answer with a number.

16. A rectangle has length 9 and width 2. Find its perimeter. Answer with a number.

17. A rectangle has length 9 and width 2. Find its area. Answer with a number.

18. The rectangle has side lengths 5 and 3. What is its perimeter? Answer with a number.

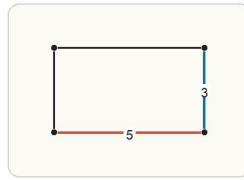


Perimeter measures the total distance around the outside of the rectangle.

19. A triangle has side lengths 7, 4, and 6. What is its perimeter? Answer with a number.

20. The rectangle has side lengths 5 and 3. What is its area? Answer with a number.

21. A square has side length 6. What is its area? Answer with a number.



Area of a rectangle counts the square units inside, so multiply the two side lengths.

22. If a region covers 9 unit squares, what is its area? Answer with a number.

23. A rectangle has perimeter 18 and one side length 4. Find the other side length. Answer with a number.

24. A triangle has base 8 and height 5. Find its area. Answer with a number.

25. A parallelogram has base 9 and height 4. Find its area. Answer with a number.

26. A rectangle has area 24 square units and one side length 6. Find the other side length. Answer with a number.

27. A square has perimeter 36. Find its side length. Answer with a number.

28. Which statement is true?

- A. Perimeter and area are always equal
- B. Two figures can have the same perimeter but different areas
- C. Area is found by adding side lengths
- D. Perimeter uses square units

29. A student uses the slanted side instead of the height to find the area of a parallelogram. What is wrong?

- A. Area needs the perpendicular height, not just any side
- B. Parallelograms do not have area
- C. You should always use the perimeter first
- D. The slanted side must be doubled

30. A triangle has base 8 and height 5. What is its area? Answer with a number.

31. A rectangle has perimeter 18 and one side length 4. What is the other side length? Answer with a number.

32. A rectangle has area 24 square units and one side length 6. What is the other side length? Answer with a number.