

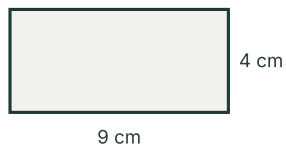
Area & Perimeter

4.MD.A.3

Name _____ Date _____

Find each area or perimeter. Show your work and include square units for area and plain units for perimeter.

1. Find the **area** of the rectangle.



2. Find the **perimeter** of the rectangle.

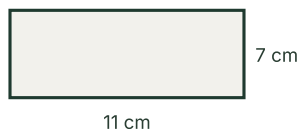


3. Find the **area** of the square.



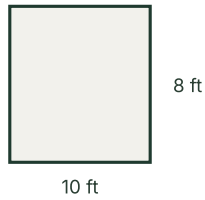
4. Find the **perimeter** of the square above, with each side 6 ft.
5. A rectangle is 12 in long and 5 in wide. Find both its area and its perimeter.

6. Find the **area** of the rectangle.



7. A rectangle has an **area** of 48 square cm and a width of 6 cm. What is its length?

8. A rectangle has an **area** of 54 square m and a length of 9 m. What is its width?
9. Which formula gives the **perimeter** of a rectangle with length l and width w ?
A) $l \times w$
B) $2 \times l \times w$
C) $2(l + w)$
D) $l + w$
10. A rectangle has a **perimeter** of 30 ft. One side is 9 ft. What is the length of the side next to it?
11. Find the **area** of the rectangular floor.



12. A garden bed is a square with sides of 7 m. Find its area and its perimeter.
13. Maya tiles a rectangular kitchen floor that is 9 ft by 7 ft. Each square tile covers 1 square ft. How many tiles does she need?
14. A rectangular dog pen needs a fence around all four sides. The pen is 14 ft long and 6 ft wide. How many feet of fencing are needed?
15. A rectangular rug has an area of 72 square ft. If it is 8 ft long, how wide is it, and what is its perimeter?
16. A poster is 24 in wide and 36 in tall. Ribbon costs \$2 per foot, and you want ribbon around the whole border. There are 12 in in a foot. What is the cost of the ribbon?