

4.MD.3 Area & Perimeter

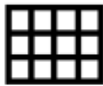
I can...find the area & perimeter for rectangles, to solve real world problems.

LINGO

area

The number of square units needed to cover a flat surface.

Example: an area rug



Area = length x width
Area = $3 \times 4 = 12$ square

perimeter

The distance around a shape.

Example: a fence



Perimeter =
length + length + width + width

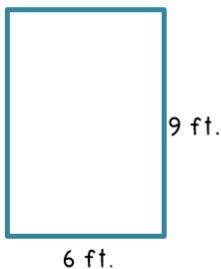
5 cm 3 cm
P = $5 + 5 + 3 + 3 = 16$ cm

HOW

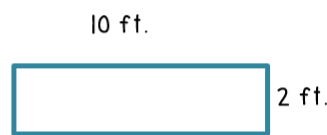
Area = length x width
Perimeter = add all sides

PRACTICE

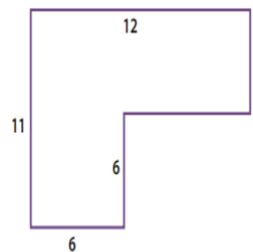
Finding the area:



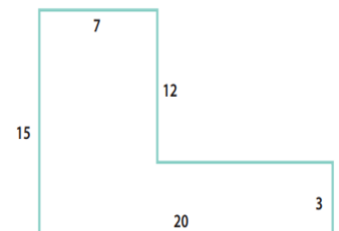
Area = _____



Area = _____



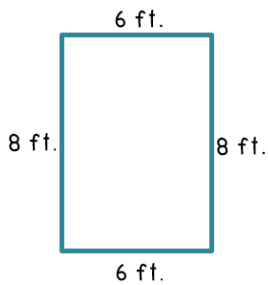
Area = _____



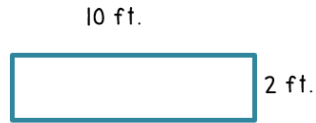
Area = _____

PRACTICE

Finding the perimeter:



Perimeter = _____



Perimeter = _____

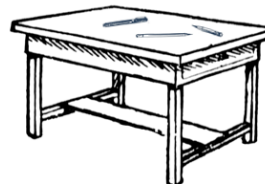
A square name tag has sides that are 8 centimeters long. What is the name tag's perimeter? What is the name tag's area?



Andy bought a computer. The length of his new computer is 32 inches and the width is 14 inches. Find the area.



Sam wants to buy an art table that measures 10 feet by 15 feet. The cost of the table is \$5 per square ft. How much will it cost Ronnie to buy the art table?



Cindy knows that the area of her square shaped bag is 81 in^2 . What is the length of any side of this bag?



The area of Taylor's square bedroom is 256 feet^2 . What is the length of any side wall in his bedroom?