

Name \_\_\_\_\_

Date \_\_\_\_\_

## Area and Perimeter Word Problems - Step-by-Step Lesson

### Lesson 1 Area And Perimeter of Rectangles:

Oscar's drawing room measures 12 feet by 16 feet. He wants to put a new carpet in the drawing room that cost \$15 per square foot. How much will it cost for Oscar to carpet his drawing room?



### Explanation:

Step 1) First, we look to see what is being asked of us.

“What is the cost of the carpet?”

Step 2) We can find the area of the drawing room by using the formula

Area of the rectangle = length x width

Area of the drawing room is 12 feet x 16 feet = 192 feet<sup>2</sup>

Step 3 ) Find the cost of the carpet:

Total cost = Area of the drawing room x cost per square foot

Total cost = 192 x \$15 = \$2,880

Answer is: \$2,880

