

Name _____

Date _____

Area of Rectangles In Word Problems - Step-by-Step Lesson

Lesson 1

Ricky plans to open a dance academy. He requires a large space for his academy. The following areas are available for rent:



- a) 11 feet x 9 feet
- b) 9 feet x 15 feet
- c) 8 feet x 21 feet
- d) 15 feet x 8 feet

Which area for the dance academy offers the most space? _____

Explanation 1:

Step 1) We will need to find the area of all the spaces. We can do this by multiplying their lengths and widths.

Step 2) Multiply all 4 available areas and select the area which has the largest area:

- a) 11 feet x 9 feet = 99 square feet
- b) 9 feet x 15 feet = 135 square feet
- c) 8 feet x 21 feet = 168 square feet
- d) 15 feet x 8 feet = 120 square feet

Step 3) By calculating all the above figures, we find that 168 feet offers the greatest amount of space.

168 square feet of area offers the most space for dance academy: letter c.

