

d. Consider the stage as a large rectangle with a piece removed.

What are the dimensions of the large rectangle and the small rectangle?

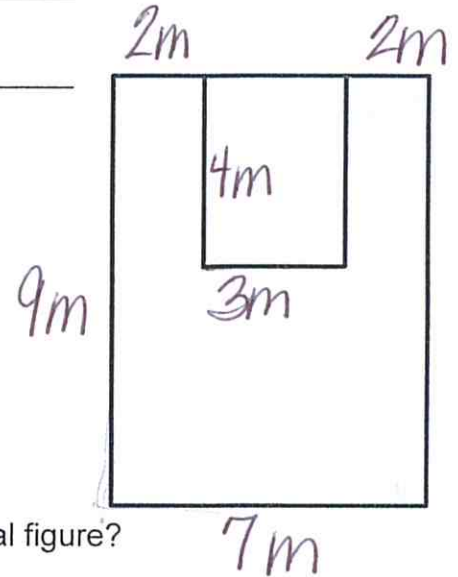
Large: length = \_\_\_\_\_ width = \_\_\_\_\_

Small: length = \_\_\_\_\_ width = \_\_\_\_\_

What are the areas of the two rectangles?

Large: Area = \_\_\_\_\_

Small: Area = \_\_\_\_\_



What operation is needed to find the area of the original figure?

What is the difference in area between the two rectangles?

Difference  
means  
subtract

What do you notice about your answers to (a), (b), (c), and (d)?

Why do you think this is true?