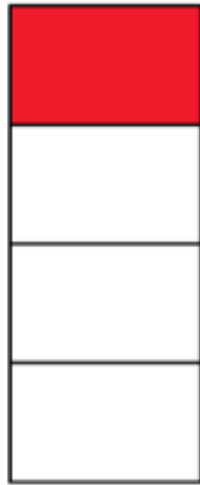This task is to help me know what you know and how I can help you. Don't worry. Try your best.

Name_____   Date_____

Rectangle **F** is divided into 4 equal areas, as shown.

Rectangle F

What fraction is represented by the shaded area of Rectangle **F**? _____
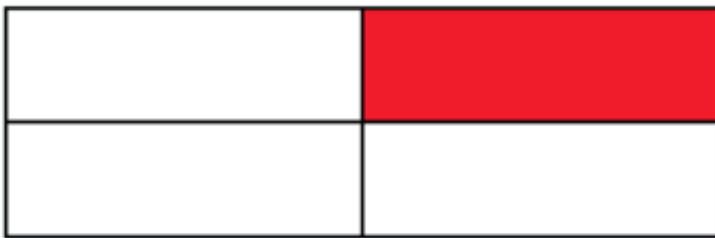
Rectangle **G** is divided into 4 equal areas, as shown.

Rectangle G

What fraction is represented by the shaded area of Rectangle **G**? _____

Is the shaded area of Rectangle **F** equal to the shaded area of Rectangle **G**? Explain your thinking. Use what you know about the **area** of Rectangle **F** and Rectangle **G** to explain.

This task is to help me know what you know and how I can help you. Don't worry. Try your best.

Name_____   Date_____

What fraction of the rectangle below is shaded? _____

Laura says that $\frac{1}{4}$ of the rectangle is shaded. Do you think she is correct, explain why or why not by using the picture?

Name_____ Date_____

Rob is calculating the area of this rectangle. His strategy is to multiply the whole numbers first and then multiply the fractions. Since 3 x 5 = 15 and $\frac{1}{3} \times \frac{1}{4} = \frac{1}{12}$, he concludes that the area of the rectangle is $15\frac{1}{12}$ square feet.

$5\frac{1}{4}$ ft

$3\frac{1}{3}$ ft
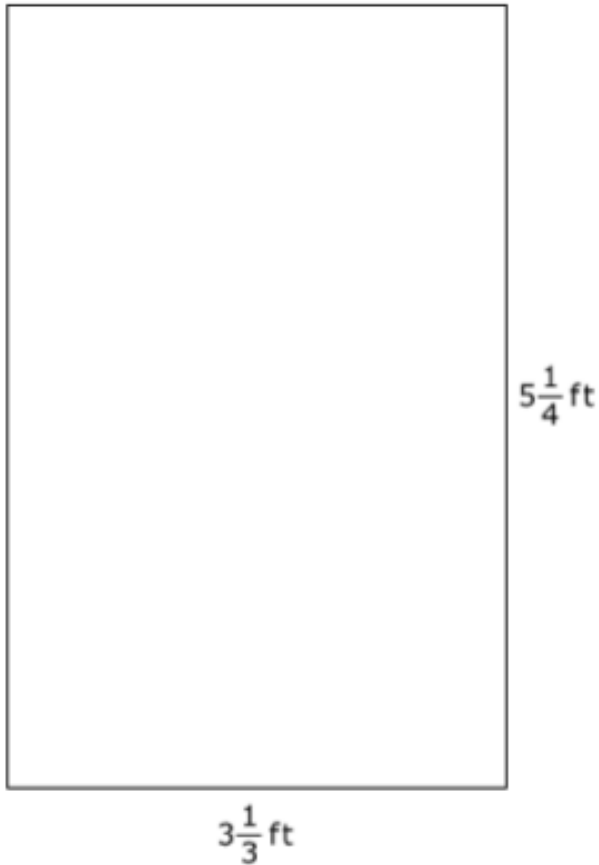
Determine the area of the rectangle. Decide if Rob's strategy is correct. Justify your thinking.