Area with fraction sides

Grade 5 · Fractions

Name _____ Date _____

1 A rectangle is $\frac{3}{4}$ foot long and $\frac{1}{8}$ foot wide. Lena says its area is $\frac{7}{8}$ square feet. How did Lena get $\frac{7}{8}$?

Check one:

- ☐ Added the length and the width
- ☐ Multiplied the side lengths
- ☐ Found the perimeter

2 A rectangle is $\frac{4}{5}$ foot long and $\frac{1}{3}$ foot wide. Tess says its area is $\frac{34}{15}$ square feet. How did Tess get $\frac{34}{15}$?

Check one:

- ☐ Added the length and the width
- ☐ Multiplied the side lengths
- ☐ Found the perimeter

3 A rectangle is $\frac{7}{12}$ foot long and $\frac{1}{8}$ foot wide. Wren says its area is $\frac{34}{24}$ square feet. How did Wren get $\frac{34}{24}$?

Check one:

- ☐ Added the length and the width
- ☐ Found the perimeter
- ☐ Multiplied the side lengths

4 A rectangle has a length of $\frac{3}{10}$ yard and a width of $\frac{1}{5}$ yard. What is the area of the rectangle, in square yards?

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