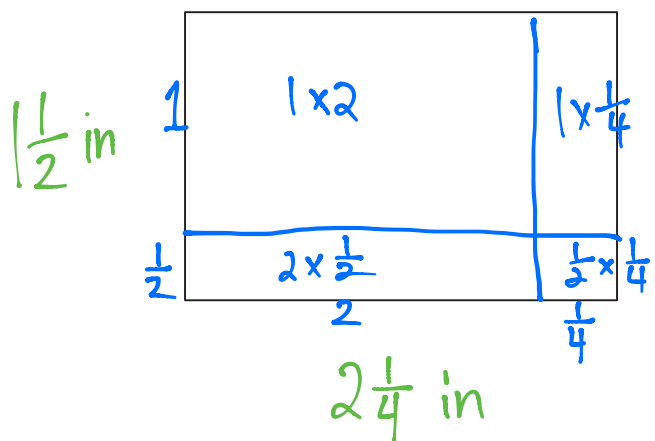Name _____   Date _____

Measure the rectangle to the nearest $\frac{1}{4}$ inch with your ruler, and label the dimensions. Find the area.

$1\frac{1}{2}$ in

1×2 $1 \times \frac{1}{4}$

$2 \times \frac{1}{2}$ $\frac{1}{2} \times \frac{1}{4}$

$2\frac{1}{4}$ in

Length $= 1\frac{1}{2}$ inches

Width $= 2\frac{1}{4}$ inches

Area $= 3\frac{3}{8}$ in^2

$1\frac{1}{2} \times 2\frac{1}{4}$

$= \left(1 \times 2\right) + \left(1 \times \frac{1}{4}\right) + \left(2 \times \frac{1}{2}\right) \times \left(\frac{1}{2} \times \frac{1}{4}\right)$

$= 2 + \frac{1}{4} + 1 + \frac{1}{8}$

$= 3 + \frac{1}{4} + \frac{1}{8}$

$= 3 + \frac{2}{8} + \frac{1}{8}$

$= 3\frac{3}{8}$ in^2