Lesson 6.1T ~ Area with Fractions
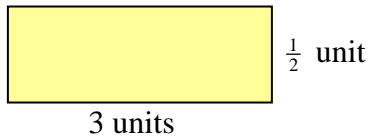
Name_____ Period_____ Date_____

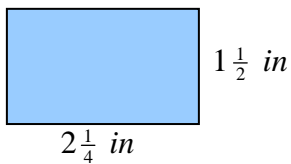**Use the given measurements to find the area of each rectangle. Label your measurement.**

RECTANGLE: Area = length × width

1. Area: ☐ × ☐ = ☐ square _____

$\frac{1}{2}$ unit

3 units
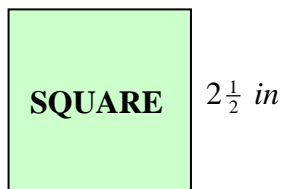
2. Area: ☐ × ☐ = ☐ square _____

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

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

Use the given measurements to find the area of each square. Label your measurement.

SQUARE : Area = side × side

Don't forget to label the measurement as "square _____".

3. Area: ☐ × ☐ = _____
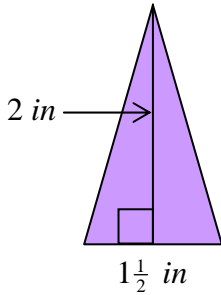
SQUARE $2\frac{1}{2}$ in

4. Area: ☐ × ☐ = _____

SQUARE $1\frac{3}{4}$ in
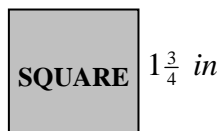
Find the area of each triangle. Label your measurement.

TRIANGLE: Area $= \dfrac{1}{2} \times$ **base** $\times$ **height**

5. Area $= \dfrac{1}{2} \times \boxed{} \times \boxed{} = \underline{\hspace{3cm}}$

2 in ⟶

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

6. Area $= \dfrac{1}{2} \times \boxed{} \times \boxed{} = \underline{\hspace{3cm}}$

$\frac{3}{4}$ in

$2\frac{1}{2}$ in
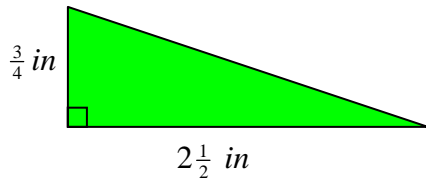
Measure the sides of the shape to the nearest quarter of an inch using a customary ruler.

7. a. Label the sides of the square with your measurements. Write in simplest form.

    b. Find the area of the square. Area $= \underline{\hspace{3cm}}$
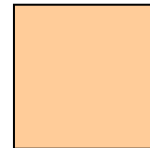
8. a. Label the sides of the rectangle with your measurements. Write in simplest form.

    b. Find the area of the rectangle. Area $= \underline{\hspace{3cm}}$