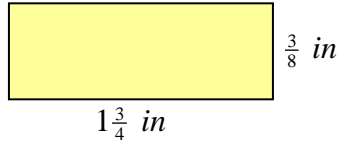## Lesson 6.1 ~ Area with Fractions
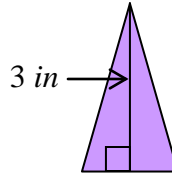
Name_____ Period_____ Date_____

Use the given measurements to find the area of each polygon.
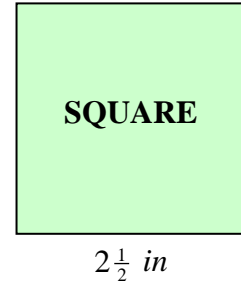
1. Area:_____
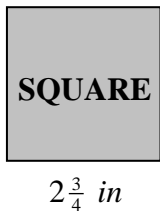
$\frac{3}{8}$ *in*

$1\frac{3}{4}$ *in*

2. Area:_____

3 *in* →

3. Area:_____

SQUARE

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

4. Area:_____

SQUARE

$2\frac{3}{4}$ *in*

5. Area:_____

$3\frac{1}{2}$ *in*

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

6. Area:_____

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

$4\frac{7}{16}$ *in*
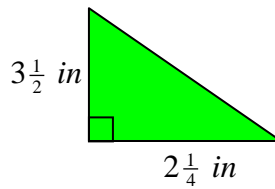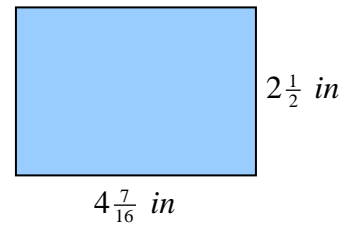
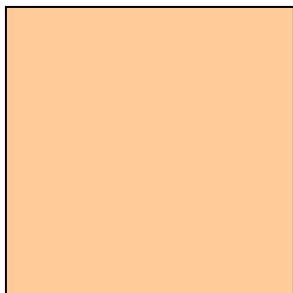**7.** Savannah built a rectangular pen for her goat that was 20 yards long and $15\frac{2}{5}$ yards wide. What is the area of this pen?
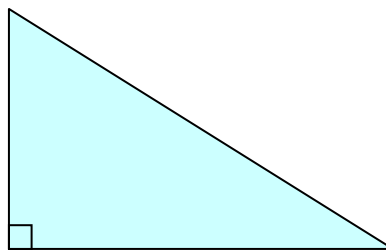
8. Trevor cut a right triangle out of paper that had a base of $3\frac{3}{4}$ inches and a height of $3\frac{3}{4}$ inches. What is the area of Trevor's triangle?

Measure the sides of each shape to the nearest quarter inch using a customary ruler. Find each area. Write in simplest form.

9. Area:_____

10. Area:_____

11. Area:_____