Name: _LOZ_   Date: _1-19-2021_
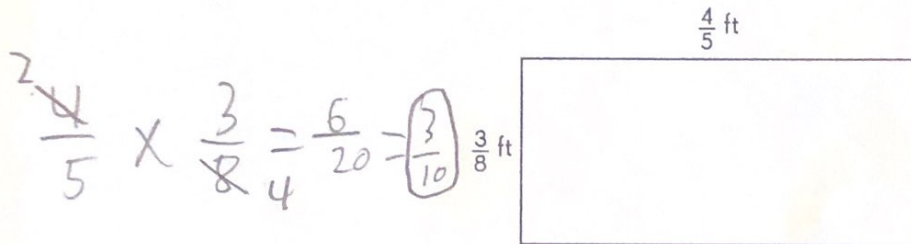
Tues. 1/19

$\frac{8}{8} - 0$

CHAPTER 6 Area

Lesson 6.1 Finding the Area of a Rectangle with Fractional Side Lengths
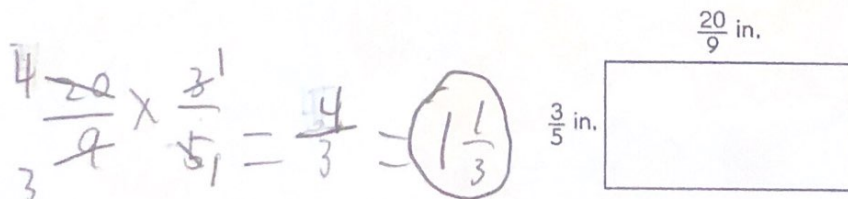
Find the area of each rectangle.

1. The length of a rectangle is $\frac{4}{5}$ foot and its width is $\frac{3}{8}$ foot. Find the area of the rectangle.

$\frac{4}{5} \ ^2 \times \frac{3}{8} \ _4 = \frac{6}{20} = \frac{3}{10}$

$\frac{4}{5}$ ft

$\frac{3}{8}$ ft

the area of the rectangle is $\frac{3}{10}$ ft² oot

(t ft)

2. The length of a rectangle is $\frac{20}{9}$ inches and its width is $\frac{3}{5}$ inch. Find the area of the rectangle.

$\frac{20}{9} \ ^4 \ _3 \times \frac{3}{5} \ ^1 \ _1 = \frac{4}{3} = 1\frac{1}{3}$

$\frac{20}{9}$ in.

$\frac{3}{5}$ in.

the area of the rectangle is $1\frac{1}{3}$ in².
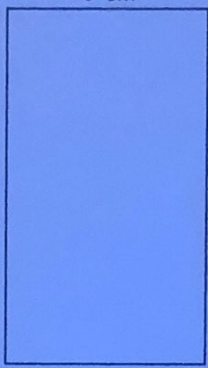
3. The length of a rectangle is $10\frac{1}{2}$ centimeters and its width is
    6 centimeters. Find the area of the rectangle.

$$\frac{21}{2} \times \frac{6^3}{1} = \frac{63}{1} = 63$$

$$\boxed{63}$$

6 cm

$10\frac{1}{2}$ cm

The area of the rectangle is 63 centime
centimeters².

4. The length of a rectangular field is $20\frac{4}{5}$ meters and its width is
    15 meters. Find the area of the field.

$$\frac{104}{5} \times \frac{15^3}{1} = \frac{312}{1} = 312$$

The area of the field is 312 m².