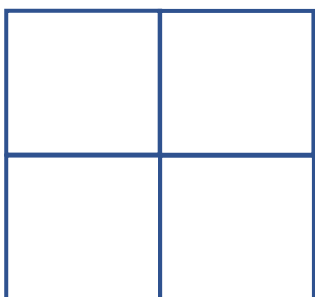Name: _____   Date: _____
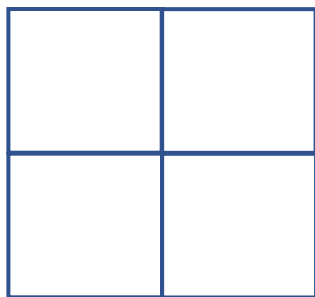
Learning Goal 2.2	I can multiply and divide fractions.

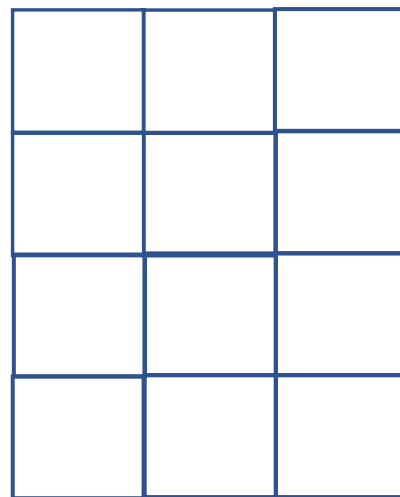**Example** Use an **area model** to model the following products.

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

$$1\frac{1}{2} \times 1\frac{2}{3}$$

$$2\frac{1}{2} \times 3\frac{2}{3}$$

Multiplying Fractions Without using a Model

Assignment   p. 220 #4 – 6, 8 – 13, 15, 16   Quiz Next Day!

Example Evaluate the following products. Write your answers in lowest terms.

a. $4\dfrac{1}{2} \times 2\dfrac{1}{3}$

b. $1\dfrac{1}{14} \times 2\dfrac{1}{3}$

c. $3\dfrac{1}{5} \times 3\dfrac{1}{8}$

d. $1\dfrac{2}{3} \times 2\dfrac{1}{5}$

Example Calculate the number of hours in $3\,^1/_2$ days.

Example The driving distance from Winnipeg to Regina is 570 km. The driving distance from Winnipeg to Calgary is $2\,^1/_3$ times the driving distance from Winnipeg to Regina. What is the driving distance from Winnipeg to Calgary?