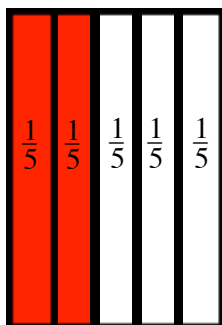
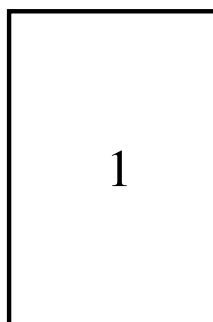
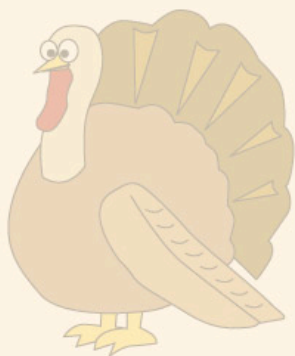
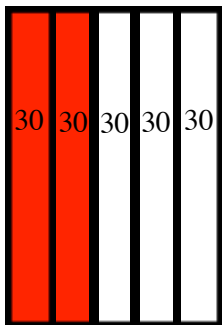
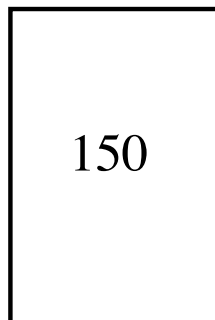


8th Grade Lesson 48

- I can write and solve fractional equations.



$\frac{2}{5}$ of a whole



$$\frac{2}{5} \times 150 = 60$$

Two fifths of 150 is 60.

a fraction of a ^(whole) number is another number

$F \cdot A = B$

$$F \cdot A = B$$

What fraction of 75 is 25?

$$\frac{F \cdot 75}{75} = \frac{25}{75}$$

$$F = \frac{25}{75} = \frac{1}{3}$$

Five sevenths of what number is $\frac{5}{2}$?

$$\frac{7}{5} \cdot \frac{5}{7} \cdot A = \frac{5}{2} \cdot \frac{7}{5}$$

$$A = \frac{7}{2}$$

$$F \cdot A = B$$

Five sevenths of $\frac{5}{2}$ is what number?

$$\frac{7}{5} \cdot \frac{5}{2} = B$$

$$\frac{25}{14} = B$$

$$B = \frac{25}{14}$$

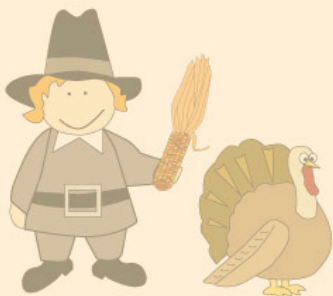
What number is $\frac{7}{9}$ of 450?

$$B = \frac{7}{9} \cdot \frac{450}{1}$$

$$B = 350$$

Assignment:

Problem Set 48 due Monday;
Test #11 tomorrow



Lesson 48

Name _____

Five twelfths of what number is $\frac{7}{3}$?

What fraction of 26 is 65?

Five thirteenths of 26 is what number?

What number is $\frac{3}{8}$ of 256?

Lesson 48

Name _____

Five twelfths of what number is $\frac{7}{3}$?

What fraction of 26 is 65?

Five thirteenths of 26 is what number?

What number is $\frac{3}{8}$ of 256?