Unit 8: Chapter 7 - Fractions

Curriculum Outcomes to be completed:

- (5N7) Demonstrate an understanding of fractions by using concrete, pictorial, and symbolic representations to:
  - Create sets of equivalent fractions
  - Compare fractions with like and unlike denominators
- (5N9) Relate decimals to fractions and fractions to decimals

Approximate Time Length:

- 4 Weeks (April 9th - May 7th)

$\frac{4}{17} = 0.22$ $\frac{17}{17} = 1$

numerator / denominator

2.1cm $2\frac{1}{10}$ cm

Lesson 1 - Recognizing and Creating Equivalent Fractions

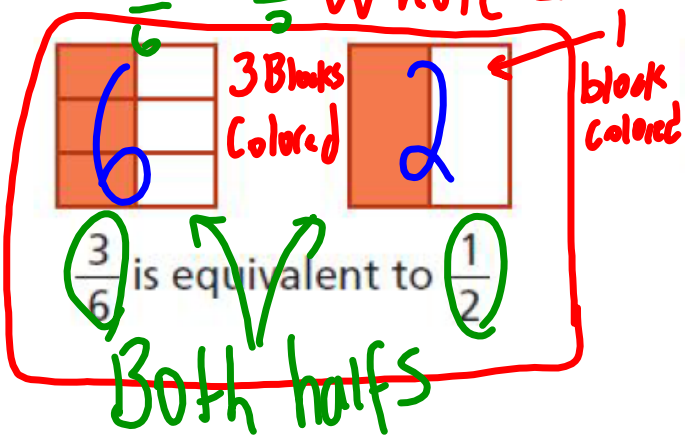
$x+4=9$
$x=5$

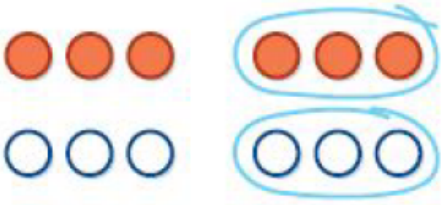
Equivalent Fractions - Fractions that represent the same part of a whole or the same part of a set

½	½

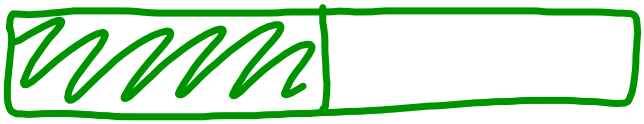
0.5	0.5

$\frac{3}{6}$ $\frac{1}{2}$ Whole = 1





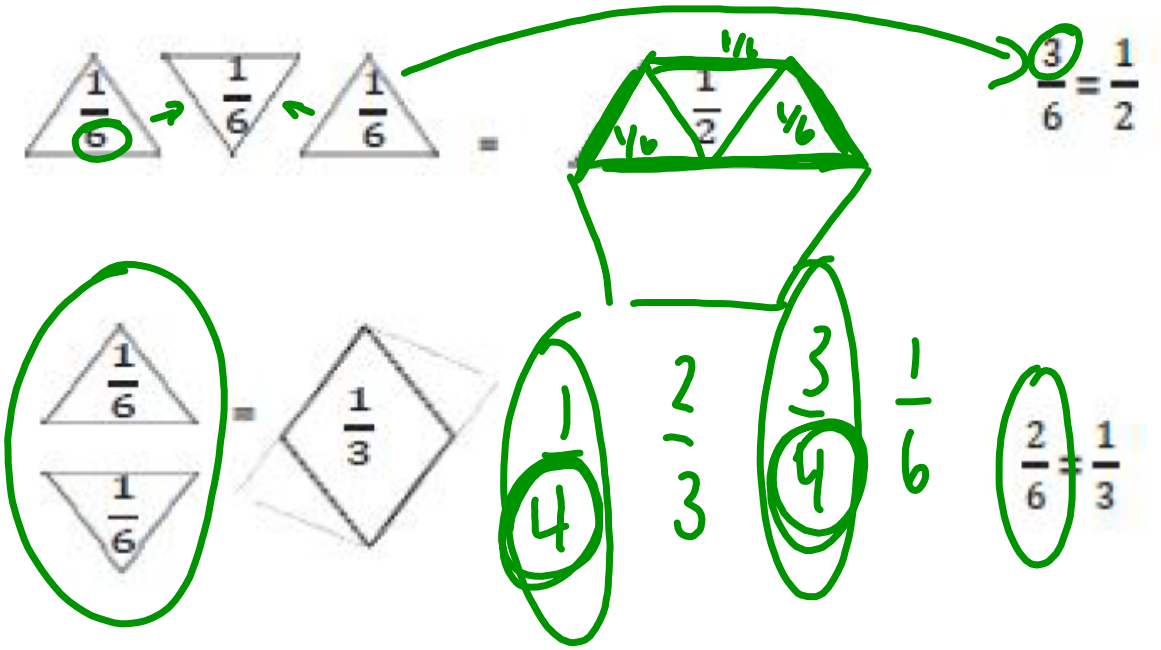
$\frac{3}{6} = \frac{1}{2}$

$\frac{1}{2}$ 

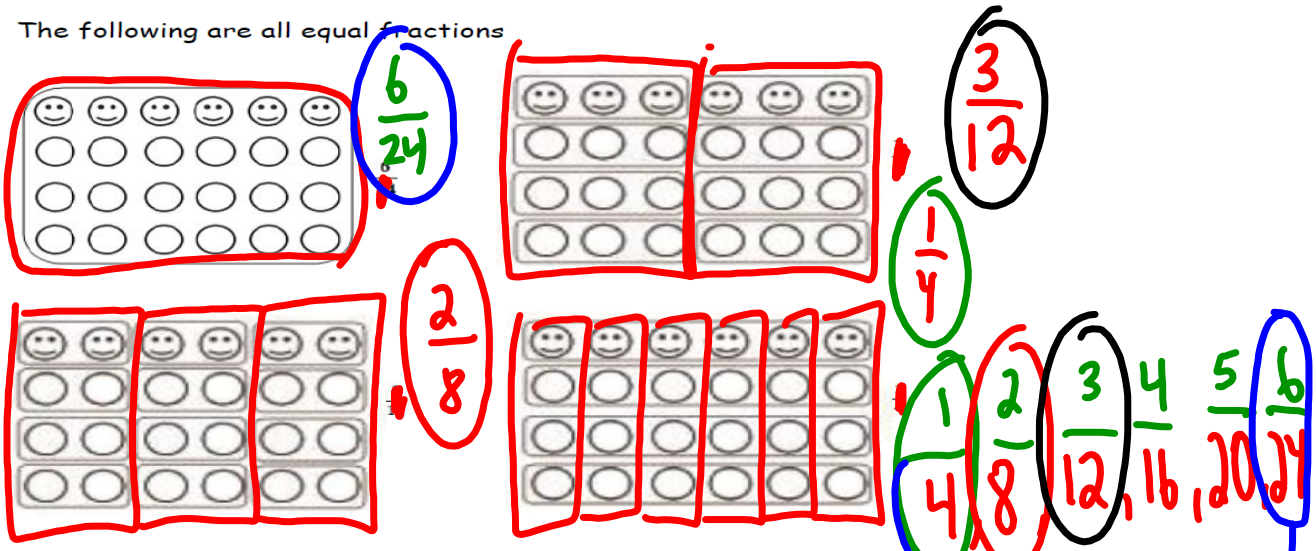
$\frac{3}{6}$ 

$1\overline{)2}$

$3\overline{)6}$


1/6
1/6
1/6
=
1/2
1/2
3/6 = 1/2
1/6
1/6
=
1/3
1/4
2/3
3/4
1/6
2/6 = 1/3

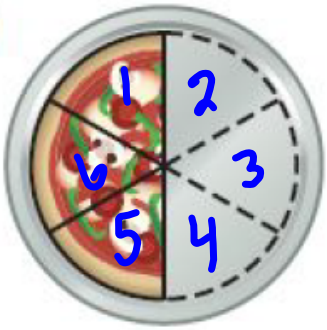
The following are all equal fractions



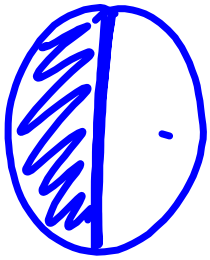
fore, we can conclude that $\frac{6}{24} = \frac{2}{8} = \frac{3}{12} = \frac{1}{4}$

Write two equivalent fractions for the following:

a)



$\frac{3}{6}$, $\frac{1}{2}$

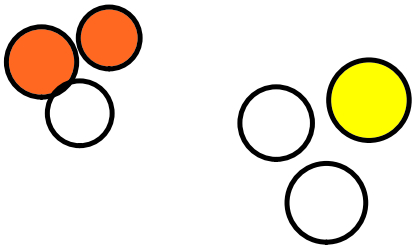


b) 

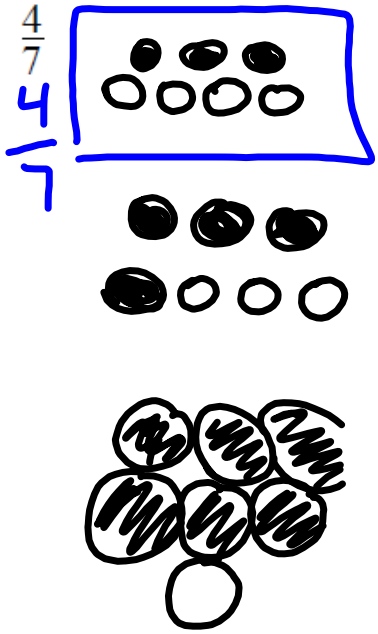
$\frac{6}{12}, \frac{1}{2}$

Draw 2 examples of the following fractions using two sided counters

a) $\frac{2}{3}$



b) $\frac{4}{7}$



$\frac{4}{7}$