Name _____   Date _____

1. Partition the number line to show the unit fractions. Then draw number bonds with copies of 1 whole for the circled whole numbers.

Sixths $\longleftrightarrow$

| 0 | 1 | 2 |

$0 = \underline{\ 0\ }$ sixths $1 = \underline{\ 6\ }$ sixths $2 = \underline{\ 12\ }$ sixths

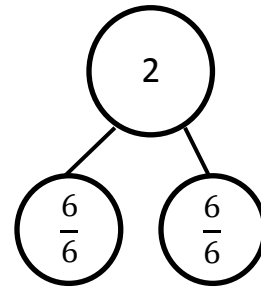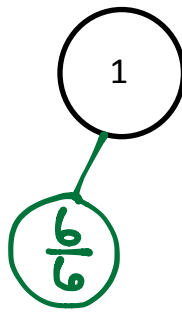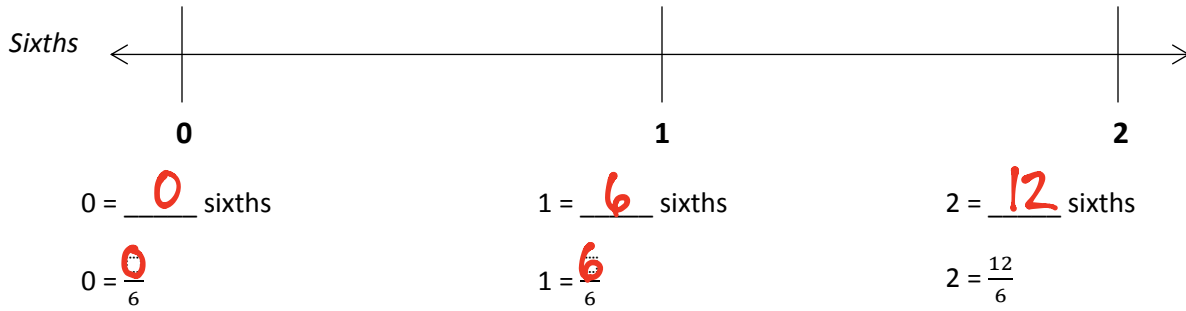$0 = \dfrac{0}{6}$ $1 = \dfrac{6}{6}$ $2 = \dfrac{12}{6}$

Fifths $\longleftrightarrow$

| 2 | 3 | 4 |

$2 = \underline{\ 10\ }$ fifths $3 = \underline{\ 15\ }$ fifths $4 = \underline{\ 20\ }$ fifths

$2 = \dfrac{10}{5}$ $3 = \dfrac{15}{5}$ $4 = \dfrac{20}{5}$

Lesson 26: Decompose whole number fractions greater than 1 using whole number equivalence with various models.

Date: 11/19/13

engage^ny

5.E.83
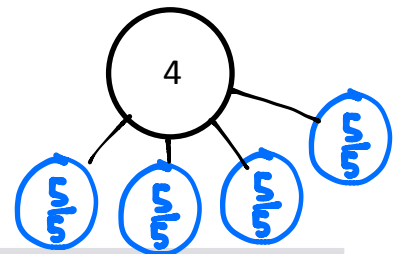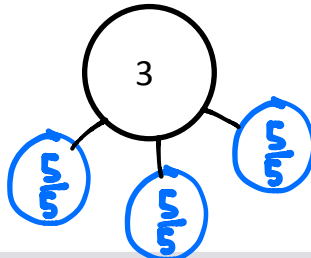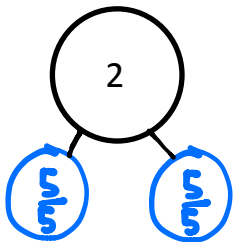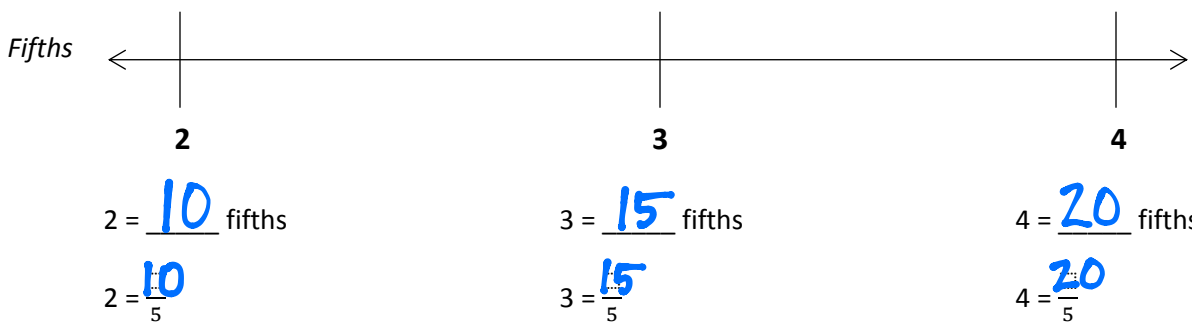
2. Write the fraction that names the whole numbers for each unit fraction. The first one has been done for you.
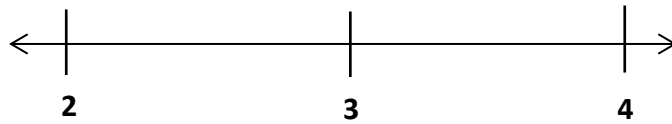
	2	3	4
thirds	$\frac{6}{3}$	$\frac{9}{3}$	$\frac{12}{3}$
sevenths	$\frac{14}{7}$	$\frac{21}{7}$	$\frac{28}{7}$
eighths	$\frac{16}{8}$	$\frac{24}{8}$	$\frac{32}{8}$
tenths	$\frac{20}{10}$	$\frac{30}{10}$	$\frac{40}{10}$

3. Rider dribbles the ball down $\frac{1}{3}$ of the basketball court on the first day of practice. Each day after that he dribbles $\frac{1}{3}$ of the way more than he did the day before.

   a. Draw a number line to represent the court. Partition the number line to represent how far Rider dribbles on Day 1, Day 2, and Day 3 of practice. What fraction of the way does he dribble on Day 3?
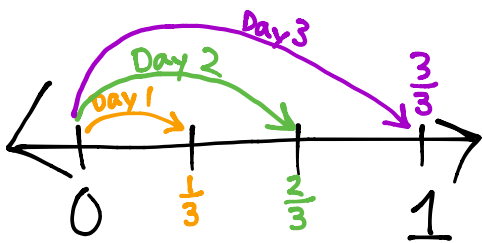
Day 1 is $\frac{1}{3}$ of the court.

Day 2 is $\frac{2}{3}$ of the court.

Day 3 is $\frac{3}{3}$ of the court.

On Day 3, Rider dribbles $\frac{3}{3}$ of the way. In other words, he dribbles the entire way.