Name _____   Date _____

1. Estimate to equally partition and label the fractions on the number line. Label the wholes as fractions and box them. The first one is done for you.
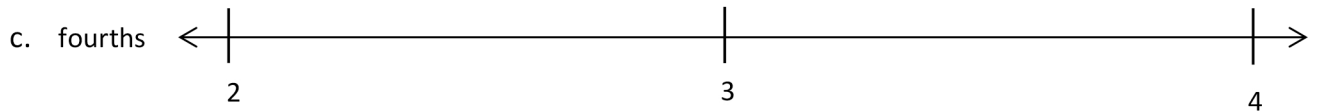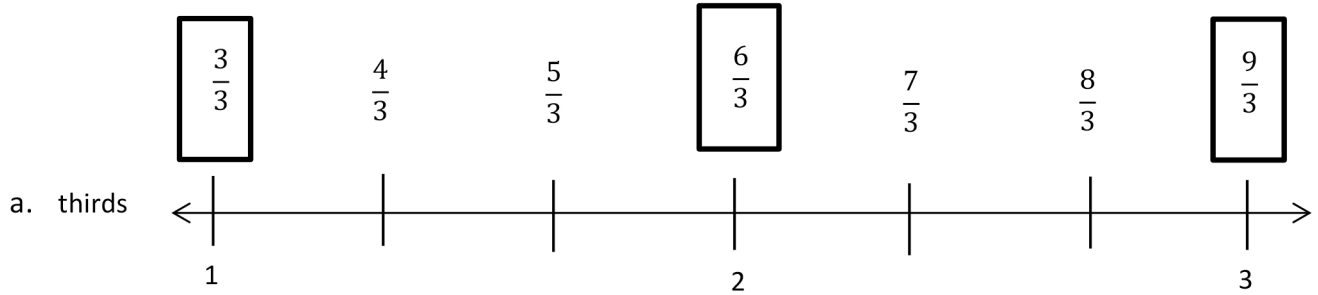
$\boxed{\dfrac{3}{3}}$ $\dfrac{4}{3}$ $\dfrac{5}{3}$ $\boxed{\dfrac{6}{3}}$ $\dfrac{7}{3}$ $\dfrac{8}{3}$ $\boxed{\dfrac{9}{3}}$

a. thirds

1   2   3

b. eighths

2   3

c. fourths

2   3   4

d. halves

3   5

e. fifths

6   9
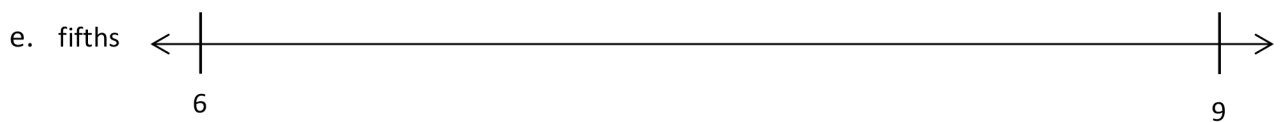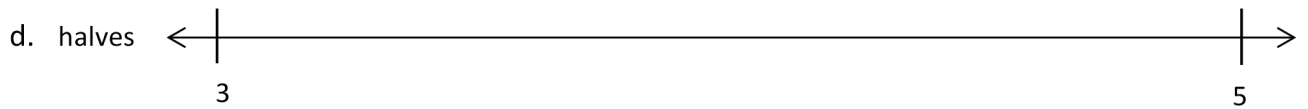
2. Partition each whole into sixths. Label each fraction. Count up as you go. Box the fractions that are located at the same points as whole numbers.

3   4   5
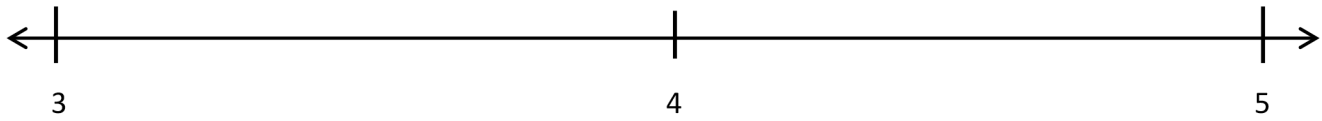
3. Partition each whole into halves. Label each fraction. Count up as you go. Box the fractions that are located at the same points as whole numbers.

4   5   6   7
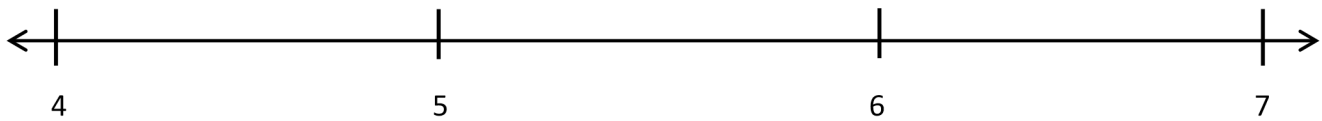
4. Draw a number line with endpoints 0 and 3. Label the wholes. Partition each whole into fifths. Label all the fractions from 0 to 3. Box the fractions that are located at the same points as whole numbers. Use a separate paper if you need more space.

Answer Key

1. a. Answer provided

   b. Number line partitioned into eighths and labeled; $\frac{16}{8}$, $\frac{24}{8}$ boxed

   c. Number line partitioned into fourths and labeled; $\frac{8}{4}$, $\frac{12}{4}$, $\frac{16}{4}$ boxed

   d. Number line partitioned into halves and labeled; $\frac{6}{2}$, $\frac{8}{2}$, $\frac{10}{2}$ boxed; 4 labeled below $\frac{8}{2}$

   e. Number line partitioned into fifths and labeled; $\frac{30}{5}$, $\frac{35}{5}$, $\frac{40}{5}$, $\frac{45}{5}$ boxed; 7 labeled below $\frac{35}{5}$, 8 labeled below $\frac{40}{5}$

2. Number line partitioned into sixths and labeled; $\frac{18}{6}$, $\frac{24}{6}$, $\frac{30}{6}$ boxed

3. Number line partitioned into halves and labeled; $\frac{8}{2}$, $\frac{10}{2}$, $\frac{12}{2}$, $\frac{14}{2}$ boxed

4. Number line with endpoints 0 and 3; wholes labeled; number line partitioned and labeled