GETTING CLOSE!

$$\longleftarrow \overset{\displaystyle |}{\underset{\displaystyle 0}{}} \qquad\qquad \overset{\displaystyle |}{\underset{\displaystyle \frac{1}{2}}{}} \qquad\qquad \overset{\displaystyle |}{\underset{\displaystyle 1}{}} \longrightarrow$$
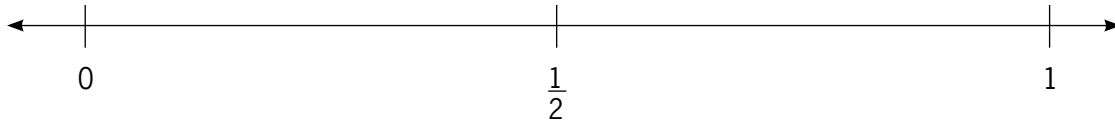
1. Write at least 5 fractions that are:

   a. close to but less than $\frac{1}{2}$.

   b. exactly $\frac{1}{2}$.

   c. close to but greater than $\frac{1}{2}$.

   d. Close to but not equal to 0.

   e. exactly 1.

   f. close to but not equal to 1.

   g. exactly 0.

2. Name the closest benchmark fraction for each fraction given.

   a. $\frac{4}{9}$

   b. $\frac{8}{9}$

   c. $\frac{6}{100}$

   d. $\frac{5}{67}$

   e. $\frac{7}{15}$

   f. $\frac{7}{12}$

   g. $\frac{5}{6}$

   h. $\frac{14}{27}$

   i. $\frac{12}{13}$

   j. $\frac{1}{17}$

   k. $\frac{5}{11}$

   l. $\frac{3}{7}$

3. Write the unknown numerator or denominator so that each fraction is close to but less than $\frac{1}{2}$.

a. $\dfrac{(\quad)}{12}$

d. $\dfrac{7}{(\quad)}$

b. $\dfrac{(\quad)}{27}$

e. $\dfrac{(\quad)}{13}$

c. $\dfrac{8}{(\quad)}$

f. $\dfrac{9}{(\quad)}$

4. Write the unknown numerator or denominator so that each fraction is close to but less than 1.

a. $\dfrac{(\quad)}{17}$

d. $\dfrac{(\quad)}{18}$

b. $\dfrac{11}{(\quad)}$

e. $\dfrac{13}{(\quad)}$

c. $\dfrac{(\quad)}{8}$

f. $\dfrac{10}{(\quad)}$