

Name _____

Date _____

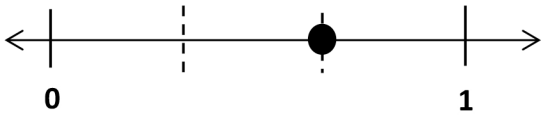


1. On the number line above, use a colored pencil to divide each whole into thirds and label each fraction above the line.
2. On the number line above, use a different colored pencil to divide each whole into sixths and label each fraction below the line.
3. Write the fractions that name the same place on the number line.
4. Using your number line to help, name the fraction equivalent to $\frac{20}{6}$. Name the fraction equivalent to $\frac{12}{3}$. Draw the part of the number line that would include these fractions below and label it.

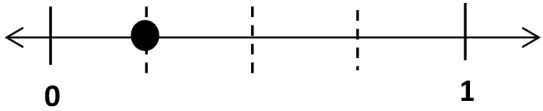
$$\frac{20}{6} = \frac{\quad}{3}$$

$$\frac{12}{3} = \frac{\quad}{6}$$

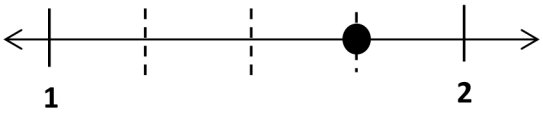
5. Write two different fraction names for the dot on the number line. You may use halves, thirds, fourths, fifths, sixths, eighths, or tenths.



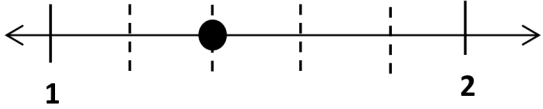
_____ = _____



_____ = _____



_____ = _____



_____ = _____

6. Danielle and Mandy each ordered a large pizza for dinner. Danielle's pizza was cut into sixths, and Mandy's pizza was cut into twelfths. Danielle ate 2 sixths of her pizza. If Mandy wants to eat the same amount of pizza as Danielle, how many slices of pizza will she have to eat? Write the answer as a fraction. Draw a number line to explain your answer.

Answer Key

1. Number line divided into thirds and labeled correctly with a colored pencil
2. Number line divided into sixths and labeled correctly with another colored pencil
3. $\frac{0}{3} = \frac{0}{6}$, $\frac{1}{3} = \frac{2}{6}$, $\frac{2}{3} = \frac{4}{6}$, $\frac{3}{3} = \frac{6}{6}$, $\frac{4}{3} = \frac{8}{6}$, $\frac{5}{3} = \frac{10}{6}$, $\frac{6}{3} = \frac{12}{6}$, $\frac{7}{3} = \frac{14}{6}$, $\frac{8}{3} = \frac{16}{6}$, $\frac{9}{3} = \frac{18}{6}$
4. $\frac{20}{6} = \frac{10}{3}$; $\frac{12}{3} = \frac{24}{6}$; number line drawn, divided, and labeled correctly with these fractions
5. $\frac{2}{3} = \frac{4}{6}$; $\frac{1}{4} = \frac{2}{8}$; $\frac{7}{4} = \frac{14}{8}$; $\frac{7}{5} = \frac{14}{10}$
6. $\frac{4}{12}$; number line drawn to explain the answer