1. Circle any fractions that are equivalent to a whole number. Record the whole number below the fraction.

   a. Count by 1 thirds. Start at 0 thirds. End at 6 thirds.

   \[
   \frac{0}{3}, \frac{1}{3}, \frac{2}{3}, \frac{3}{3}, \frac{4}{3}, \frac{5}{3}, \frac{6}{3}
   \]

   \[
   0, 1, 2
   \]

   b. Count by 1 halves. Start at 0 halves. End at 8 halves.

   \[
   \frac{0}{2}, \frac{1}{2}, \frac{2}{2}, \frac{3}{2}, \frac{4}{2}, \frac{5}{2}, \frac{6}{2}, \frac{7}{2}, \frac{8}{2}
   \]

   \[
   0, 1, 2, 3, 4
   \]

2. Use parentheses to show how to make ones in the following number sentence.

   \[
   \left(\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}\right) \left(\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}\right) = 3
   \]

3. Multiply, as shown below. Draw a number line to support your answer.

   a. \(6 \times \frac{1}{3}\)

   \[\text{Answer provided}\]

   \[6 \times \frac{1}{3} = 2 \times \frac{3}{3} = 2\]

   \[6 \times \frac{1}{2} = 3 \times \frac{2}{2} = 3\]

   b. \(6 \times \frac{1}{2}\)

   \[2 \times \frac{1}{2} \quad 2 \times \frac{1}{2} \quad 2 \times \frac{1}{2}\]

   \[6 \times \frac{1}{2} = 3 \times \frac{2}{2} = 3\]

   c. \(12 \times \frac{1}{4}\)

   \[4 \times \frac{1}{4} \quad 4 \times \frac{1}{4} \quad 4 \times \frac{1}{4}\]

   \[12 \times \frac{1}{4} = 3 \times \frac{4}{4} = 3\]
4. Multiply, as shown below. Write the product as a mixed number. Draw a number line to support your answer.

a. 7 copies of 1 third

\[ 7 \times \frac{1}{3} = \left( 2 \times \frac{1}{3} \right) + \frac{1}{3} = 2 + \frac{1}{3} = 2 \frac{1}{3} \]

Answer provided

b. 7 copies of 1 half

\[ 7 \times \frac{1}{2} = \left( 3 \times \frac{2}{3} \right) + \frac{1}{2} = 3 + \frac{1}{2} = 3 \frac{1}{2} \]

c. 10 \times \frac{1}{4}

\[ 10 \times \frac{1}{4} = \left( 2 \times \frac{4}{4} \right) + \frac{2}{4} = 2 + \frac{2}{4} = 2 \frac{2}{4} \]

d. 14 \times \frac{1}{3}

\[ 14 \times \frac{1}{3} = \left( 4 \times \frac{3}{3} \right) + \frac{2}{3} = 4 + \frac{2}{3} = 4 \frac{2}{3} \]