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.
      \[
      0, 1, 2, \frac{3}{3}, \frac{6}{3}, \frac{9}{3}, \frac{12}{3}, \frac{15}{3}
      \]
   b. Count by 1 halves. Start at 0 halves. End at 8 halves.
      \[
      0, 1, 2, \frac{3}{2}, \frac{5}{2}, \frac{7}{2}, \frac{9}{2}, \frac{11}{2}, \frac{13}{2}, \frac{15}{2}
      \]

2. Use parentheses to show how to make ones in the following number sentence.
   \[
   \left(\frac{1}{2} + \frac{1}{4} + \frac{1}{6}\right) + \left(\frac{1}{4} + \frac{1}{8}\right) + \left(\frac{1}{4} + \frac{1}{8}\right) = 3
   \]

3. Multiply, as shown below. Draw a number line to support your answer.
   a. \[6 \times \frac{1}{3}\]
      \[\text{Number Line: } 0, 1, 2, 3, 4, 5\]
      \[6 \times \frac{1}{3} = 2 \times \frac{3}{3} = 2\]
   b. \[6 \times \frac{1}{2}\]
      \[\text{Number Line: } 0, 1, 2, 3\]
      \[6 \times \frac{1}{2} = 3 \times \frac{2}{2} = 3\]
   c. \[12 \times \frac{1}{4}\]
      \[\text{Number Line: } 0, 1, 2, 3\]
      \[12 \times \frac{1}{4} = 3 \times \frac{4}{4} = 3\]
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
      \[ 7 \times \frac{1}{3} = \left( 2 \times \frac{3}{3} \right) + \frac{1}{3} = 2 + \frac{1}{3} = 2 \frac{1}{3} \]

   b. 7 copies of 1 half
      \[ 7 \times \frac{1}{2} = \left( 3 \times \frac{2}{2} \right) + \frac{1}{2} = 3 + \frac{1}{2} = 3 \frac{1}{2} \]

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

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