1. Draw a tape diagram to represent
\[
\frac{3}{4} + \frac{3}{4} + \frac{3}{4} + \frac{3}{4}
\]
\[
\frac{3}{4} \quad \frac{3}{4} \quad \frac{3}{4} \quad \frac{3}{4}
\]
Write a multiplication expression equal to
\[
4 \times \frac{3}{4}
\]
2. Draw a tape diagram to represent
\[
\frac{7}{12} + \frac{7}{12} + \frac{7}{12}
\]
\[
\frac{7}{12} \quad \frac{7}{12} \quad \frac{7}{12}
\]
Write a multiplication expression equal to
\[
3 \times \frac{7}{12}
\]
3. Rewrite each repeated addition problem as a multiplication problem and solve. Express the result as a mixed number. The first one has been started for you.

a. \[
\frac{7}{5} + \frac{7}{5} + \frac{7}{5} = 4 \times \frac{7}{5} = \frac{4 \times 7}{5} = \frac{28}{5} = 5 \frac{3}{5}
\]
b. \[
\frac{9}{10} + \frac{9}{10} + \frac{9}{10} = 3 \times \frac{9}{10} = \frac{3 \times 9}{10} = \frac{27}{10} = 2 \frac{7}{10}
\]
c. \[
\frac{11}{12} + \frac{11}{12} + \frac{11}{12} + \frac{11}{12} = 5 \times \frac{11}{12} = \frac{55}{12} = 4 \frac{7}{12}
\]
4. Solve using any method. Express your answers as whole or mixed numbers.

   a. \( 8 \times \frac{2}{3} \)
   \[
   \begin{array}{c}
   \frac{8}{3} \times \frac{2}{3} = \frac{16}{3} = 5\frac{1}{3}
   \\
   \end{array}
   
   b. \( 12 \times \frac{3}{4} = \frac{12 \times 3}{4} = \frac{36}{4} = 9 \)

   c. \( 50 \times \frac{4}{5} = \frac{50 \times 4}{5} = \frac{200}{5} = 40 \)

   d. \( 26 \times \frac{7}{8} = \frac{26 \times 7}{8} = \frac{182}{8} = 22\frac{6}{8} \)

5. Morgan poured \( \frac{9}{10} \) liter of punch into each of 6 bottles. How many liters of punch did she pour in all?

   \[
   6 \times \frac{9}{10} = \frac{6 \times 9}{10} = \frac{54}{10} = 5\frac{4}{10}
   
   Morgan poured 5\frac{4}{10} liters of punch in all.

6. A recipe calls for \( \frac{3}{4} \) cup rice. How many cups of rice are needed to make the recipe 14 times?

   \[
   14 \times \frac{3}{4} = \frac{14 \times 3}{4} = \frac{42}{4} = 10\frac{2}{4}
   
   10\frac{2}{4} \text{ cups of rice are needed.}

7. A butcher prepared 120 sausages using \( \frac{3}{8} \) pound of meat for each. How many pounds did he use in all?

   \[
   120 \times \frac{3}{8} = \frac{120 \times 3}{8} = \frac{360}{8} = 45
   
   The butcher used 45 pounds of meat in all.