1. Draw and label a tape diagram to show the following are true.
   a. $\frac{8}{5} = 4 \times (2 \text{ fifths}) = (4 \times 2) \text{ fifths}$

   $\frac{1}{5} \quad \frac{1}{5} \quad \frac{1}{5} \quad \frac{1}{5} \quad \frac{1}{5} \quad \frac{1}{5} \quad \frac{1}{5} \quad \frac{1}{5}$

   2 fifths 2 fifths 2 fifths 2 fifths

   b. $\frac{10}{6} = 5 \times (2 \text{ sixths}) = (5 \times 2) \text{ sixths}$

   $\frac{1}{6} \quad \frac{1}{6} \quad \frac{1}{6} \quad \frac{1}{6} \quad \frac{1}{6} \quad \frac{1}{6} \quad \frac{1}{6} \quad \frac{1}{6}$

   2 sixths 2 sixths 2 sixths 2 sixths 2 sixths

2. Write the expression in unit form to solve.
   a. $7 \times \frac{2}{3} = \frac{14}{3}$
   b. $4 \times \frac{2}{4} = \frac{8}{4}$

   $7 \times 2 \text{ thirds} = 14 \text{ thirds}$
   $4 \times 2 \text{ fourths} = 8 \text{ fourths}$

   c. $16 \times \frac{3}{8} = \frac{48}{8}$
   d. $6 \times \frac{5}{8} = \frac{30}{8}$

   $16 \times 3 \text{ eighths} = 48 \text{ eighths}$
   $6 \times 5 \text{ eighths} = 30 \text{ eighths}$
3. Solve.
   a. \(7 \times \frac{4}{9} = \frac{7 \times 4}{9} = \frac{28}{9}\)
   b. \(6 \times \frac{3}{5} = \frac{6 \times 3}{5} = \frac{18}{5}\)
   c. \(8 \times \frac{3}{4} = \frac{8 \times 3}{4} = \frac{24}{4}\)
   d. \(16 \times \frac{3}{8} = \frac{16 \times 3}{8} = \frac{48}{8}\)
   e. \(12 \times \frac{7}{10} = \frac{12 \times 7}{10} = \frac{84}{10}\)
   f. \(3 \times \frac{54}{100} = \frac{3 \times 54}{100} = \frac{162}{100}\)

4. Maria needs \(\frac{3}{5}\) yard of fabric for each costume. How many yards of fabric does she need for 6 costumes?

\[
6 \times \frac{3}{5} = \frac{6 \times 3}{5} = \frac{18}{5}
\]

Maria needs \(\frac{18}{5}\) yards of fabric.