Name _____    Date _____

1. Draw and label a tape diagram to show the following are true.

   a.  8 thirds = 4 × (2 thirds) = (4 × 2) thirds

   b.  15 eighths = 3 × (5 eighths) = (3 × 5) eighths

2. Write the expression in unit form to solve.

   a.  $10 \times \frac{2}{5}$                              b.  $3 \times \frac{5}{6}$

   c.  $9 \times \frac{4}{9}$                               d.  $7 \times \frac{3}{4}$

3. Solve.

a. $6 \times \frac{3}{4}$

b. $7 \times \frac{5}{8}$

c. $13 \times \frac{2}{3}$

d. $18 \times \frac{2}{3}$

e. $14 \times \frac{7}{10}$

f. $7 \times \frac{14}{100}$

4. Mrs. Smith bought some orange juice. Each member of her family drank $\frac{2}{3}$ cup for breakfast. There are five people in her family. How many cups of orange juice did they drink?

## Answer Key

1. a. Tape diagram drawn and labeled

   b. Tape diagram drawn and labeled

2. a. $10 \times 2$ fifths = 20 fifths

   b. $3 \times 5$ sixths = 15 sixths

   c. $9 \times 4$ ninths = 36 ninths

   d. $7 \times 3$ fourths = 21 fourths

3. a. $\dfrac{18}{4}$

   b. $\dfrac{35}{8}$

   c. $\dfrac{26}{3}$

   d. $\dfrac{36}{3}$

   e. $\dfrac{98}{10}$

   f. $\dfrac{98}{100}$

4. $\dfrac{10}{3}$ c