

Name \_\_\_\_\_

Date \_\_\_\_\_

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

a.  $8 \text{ thirds} = 4 \times (2 \text{ thirds}) = (4 \times 2) \text{ thirds}$

b.  $15 \text{ eighths} = 3 \times (5 \text{ eighths}) = (3 \times 5) \text{ eighths}$

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?