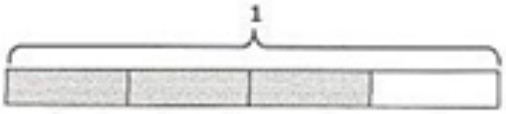
Name Jack Date _____

1. Decompose each fraction modeled by a tape diagram as a sum of unit fractions. Write the equivalent multiplication sentence. The first one has been done for you.

a.



$\frac{3}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$ $\frac{3}{4} = 3 \times \frac{1}{4}$

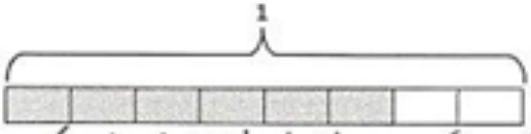
b.

$\frac{2}{5} = \frac{1}{5} + \frac{1}{5}$ $\frac{2}{5} = 2 \times \frac{1}{5}$

c.

$\frac{5}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ $\frac{5}{6} = 5 \times \frac{1}{6}$

d.



$\frac{6}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$ $\frac{6}{8} = 6 \times \frac{1}{8}$

e.

$\frac{4}{3} = \frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3}$ $\frac{4}{3} = 4 \times \frac{1}{3}$

2. Write the following fractions greater than one as the sum of two products.

a.

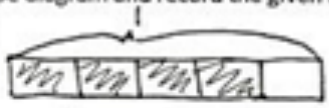
$\frac{5}{3} = (3 \times \frac{1}{3}) + (2 \times \frac{1}{3})$

b.

$\frac{6}{4} = (4 \times \frac{1}{4}) + (2 \times \frac{1}{4})$

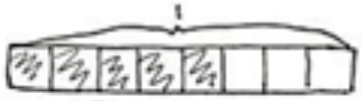
3. Draw a tape diagram and record the given fraction's decomposition into unit fractions as a multiplication sentence.

a. $\frac{4}{5}$



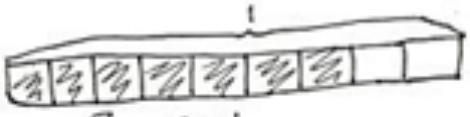
$\frac{4}{5} = 4 \times \frac{1}{5}$

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



$\frac{5}{8} = 5 \times \frac{1}{8}$

c. $\frac{7}{9}$

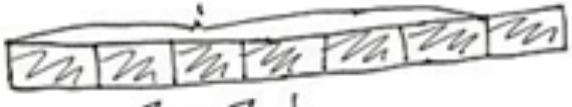


$\frac{7}{9} = 7 \times \frac{1}{9}$

d. $\frac{7}{4}$

$\frac{7}{4} = 7 \times \frac{1}{4}$

e. $\frac{7}{6}$



$\frac{7}{6} = 7 \times \frac{1}{6}$