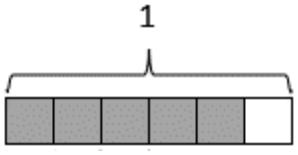
Name _____ Date _____

1. Step 1: Draw and shade a tape diagram of the given fraction.
   Step 2: Record the decomposition as a sum of unit fractions.
   Step 3: Record the decomposition of the fraction two more ways.
   (The first one has been done for you.)

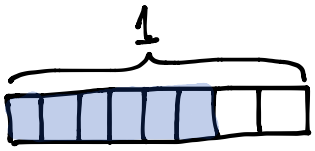
ANSWERS WILL VARY

a. $\frac{5}{6}$



$\frac{5}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$ $\frac{5}{6} = \frac{2}{6} + \frac{2}{6} + \frac{1}{6}$ $\frac{5}{6} = \frac{1}{6} + \frac{4}{6}$

b. $\frac{6}{8}$

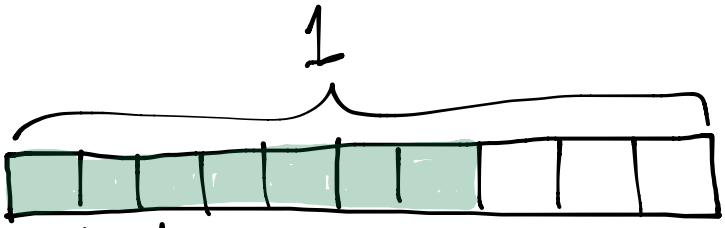


$\frac{6}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$

$\frac{6}{8} = \frac{3}{8} + \frac{3}{8}$

$\frac{6}{8} = \frac{2}{8} + \frac{3}{8} + \frac{1}{8}$

c. $\frac{7}{10}$



$\frac{7}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$

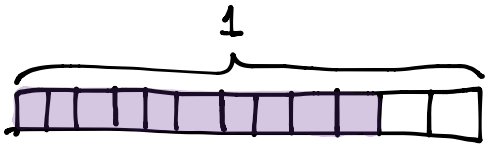
$\frac{7}{10} = \frac{4}{10} + \frac{2}{10} + \frac{1}{10}$

$\frac{7}{10} = \frac{2}{10} + \frac{2}{10} + \frac{2}{10} + \frac{1}{10}$

ANSWERS WILL VARY

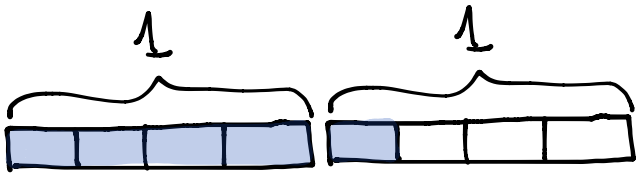
2. Step 1: Draw and shade a tape diagram of the given fraction.
   Step 2: Record the decomposition of the fraction in three different ways using number sentences.

a. $\frac{10}{12}$



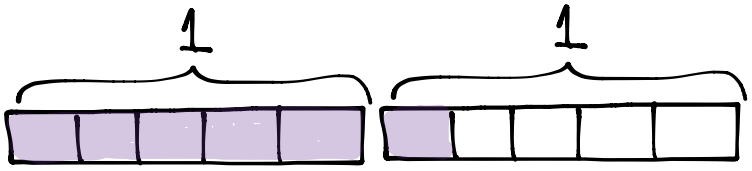
$\frac{10}{12} = \frac{5}{12} + \frac{5}{12}$ $\frac{10}{12} = \frac{3}{12} + \frac{3}{12} + \frac{3}{12} + \frac{1}{12}$ $\frac{10}{12} = \frac{6}{12} + \frac{4}{12}$

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



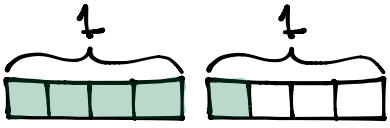
$\frac{5}{4} = \frac{4}{4} + \frac{1}{4}$ $\frac{5}{4} = \frac{2}{4} + \frac{3}{4}$ $\frac{5}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$

c. $\frac{6}{5}$



$\frac{6}{5} = \frac{3}{5} + \frac{3}{5}$ $\frac{6}{5} = \frac{2}{5} + \frac{2}{5} + \frac{2}{5}$ $\frac{6}{5} = \frac{4}{5} + \frac{2}{5}$

d. $1\frac{1}{4}$



$1\frac{1}{4} = \frac{3}{4} + \frac{2}{4}$ $1\frac{1}{4} = \frac{2}{4} + \frac{2}{4} + \frac{1}{4}$ $1\frac{1}{4} = \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4}$