

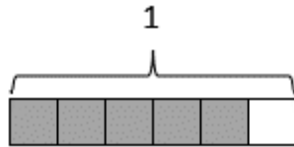
Name _____

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. $\frac{5}{6}$

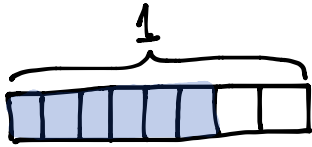


$$\frac{5}{6} = \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6}$$

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

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

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

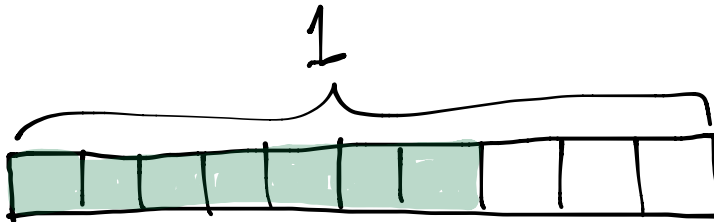


$$\frac{6}{8} = \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$$

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

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

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



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

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

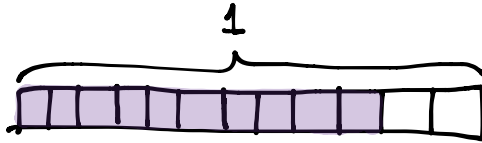
$$\frac{7}{10} = \frac{2}{10} + \frac{2}{10} + \frac{2}{10} + \frac{1}{10}$$

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. $\frac{10}{12}$

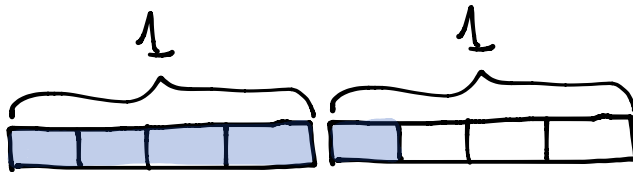


$$\frac{10}{12} = \frac{5}{12} + \frac{5}{12}$$

$$\frac{10}{12} = \frac{3}{12} + \frac{3}{12} + \frac{3}{12} + \frac{1}{12}$$

$$\frac{10}{12} = \frac{6}{12} + \frac{4}{12}$$

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

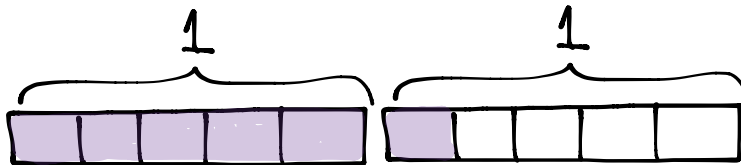


$$\frac{5}{4} = \frac{4}{4} + \frac{1}{4}$$

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

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

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

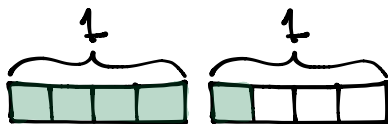


$$\frac{6}{5} = \frac{3}{5} + \frac{3}{5}$$

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

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

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



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

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

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