

Name Jack

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.)



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

$$\frac{5}{8} = \frac{2}{8} + \frac{2}{8} + \frac{1}{8}$$

$$\frac{5}{8} = \frac{2}{8} + \frac{3}{8} + \frac{1}{8} + \frac{1}{8}$$



$$\frac{9}{10} = \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10} + \frac{1}{10}$$

$$\frac{9}{10} = \frac{4}{10} + \frac{5}{10}$$

$$\frac{9}{10} = \frac{2}{10} + \frac{2}{10} + \frac{2}{10} + \frac{3}{10}$$



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

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

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

2. **Step 1:** Draw and shade a tape diagram of the given fraction.  
**Step 2:** Record the decomposition of the fraction in 3 different ways using number sentences.



$$\frac{7}{8} = \frac{1}{8} + \frac{1}{8} + \frac{2}{8} + \frac{3}{8}$$

$$\frac{7}{8} = \frac{5}{8} + \frac{2}{8}$$

$$\frac{7}{8} = \frac{4}{8} + \frac{3}{8}$$



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

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

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



$$\frac{7}{5} = \frac{5}{5} + \frac{2}{5} \qquad \frac{7}{5} = 1 + \frac{2}{5}$$

$$\frac{7}{5} = \frac{3}{5} + \frac{4}{5}$$



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

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