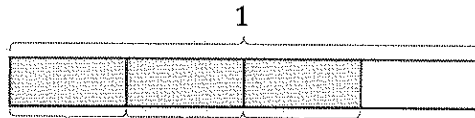


G4-M5-Lesson 1

1. Draw a number bond, and write the number sentence to match each tape diagram.

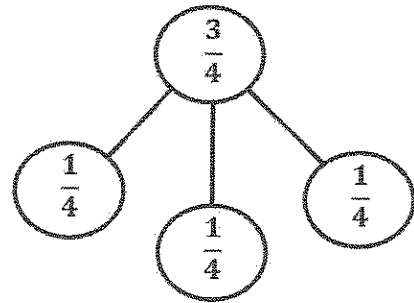
a.



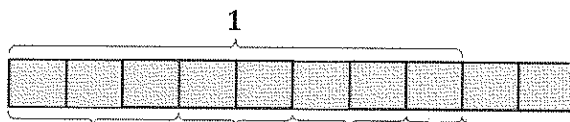
The rectangle represents 1 and is partitioned into 4 equal units. Each unit is equal to 1 fourth.

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

I can decompose any fraction into unit fractions. 3 fourths is composed of 3 units of 1 fourth.



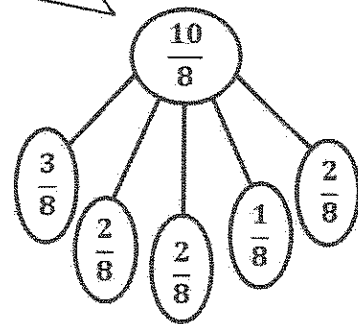
b.



I can rename a fraction greater than 1, such as $\frac{10}{8}$, as a whole number and a fraction, $1\frac{2}{8}$.

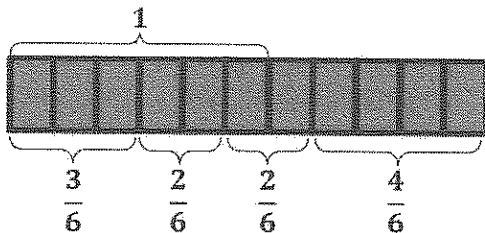
$$\frac{10}{8} = \frac{3}{8} + \frac{2}{8} + \frac{2}{8} + \frac{1}{8} + \frac{2}{8}$$

I know the fractional unit is eighths. I count 8 equal units bracketed as 1 whole.

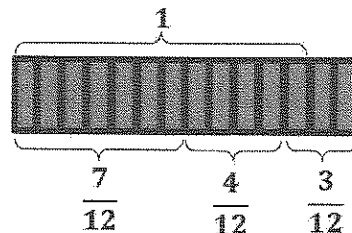


2. Draw and label tape diagrams to match each number sentence.

a. $\frac{11}{6} = \frac{3}{6} + \frac{2}{6} + \frac{2}{6} + \frac{4}{6}$



b. $1\frac{2}{12} = \frac{7}{12} + \frac{4}{12} + \frac{3}{12}$



I know the unit is twelfths. I partition my tape diagram into 12 equal units to represent the whole. I draw 2 more twelfths.