

Name \_\_\_\_\_

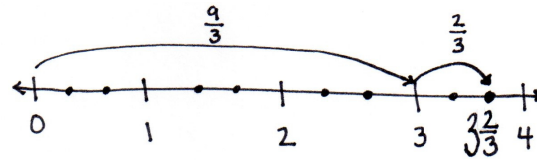
Date \_\_\_\_\_

1. Rename each fraction as a mixed number by decomposing it into two parts as shown below. Model the decomposition with a number line and a number bond.

a.  $\frac{11}{3}$

$$\frac{11}{3} = \frac{9}{3} + \frac{2}{3} = 3 + \frac{2}{3} = 3\frac{2}{3}$$

A number bond diagram with a large bracket on top labeled  $\frac{11}{3}$ . Below the bracket, two smaller brackets are shown: one on the left labeled  $\frac{9}{3}$  and one on the right labeled  $\frac{2}{3}$ .



b.  $\frac{13}{4}$

c.  $\frac{16}{5}$

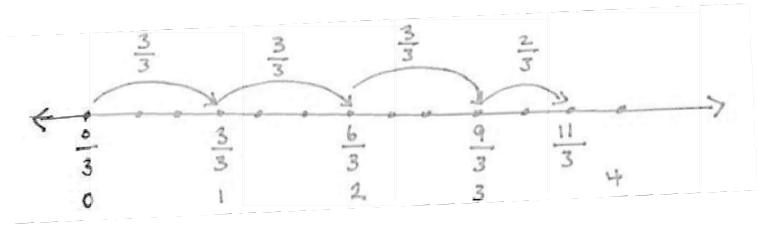
d.  $\frac{15}{2}$

e.  $\frac{17}{3}$

2. Convert each fraction to a mixed number. Show your work as in the example. Model with a number line.

a.  $\frac{11}{3}$

$$\frac{11}{3} = \frac{3 \times 3}{3} + \frac{2}{3} = 3 + \frac{2}{3} = 3\frac{2}{3}$$



b.  $\frac{13}{2}$

c.  $\frac{18}{4}$

3. Convert each fraction to a mixed number.

a. $\frac{14}{3} =$	b. $\frac{17}{4} =$	c. $\frac{27}{5} =$
d. $\frac{28}{6} =$	e. $\frac{23}{7} =$	f. $\frac{38}{8} =$
g. $\frac{51}{9} =$	h. $\frac{74}{10} =$	i. $\frac{45}{12} =$