

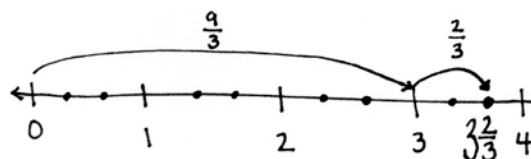
Name _____

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.

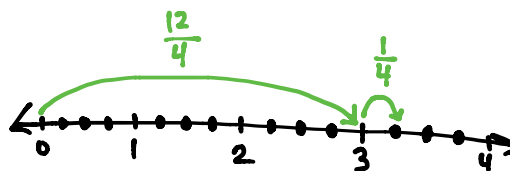
a. $\frac{11}{3}$

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



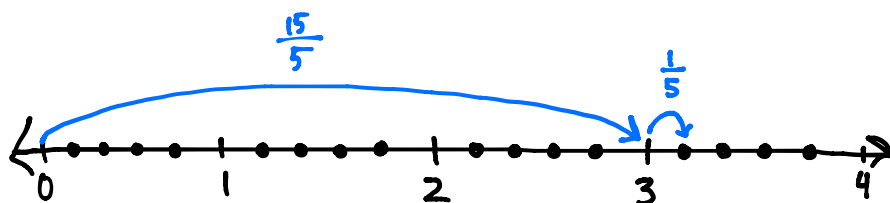
b. $\frac{13}{4}$

$$\frac{13}{4} = \frac{12}{4} + \frac{1}{4} = 3 + \frac{1}{4} = 3\frac{1}{4}$$



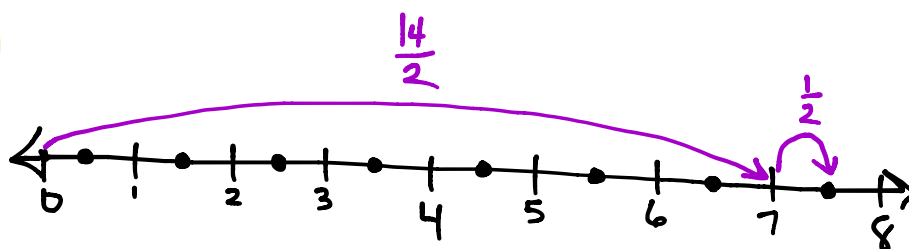
c. $\frac{16}{5}$

$$\frac{16}{5} = \frac{15}{5} + \frac{1}{5} = 3 + \frac{1}{5} = 3\frac{1}{5}$$



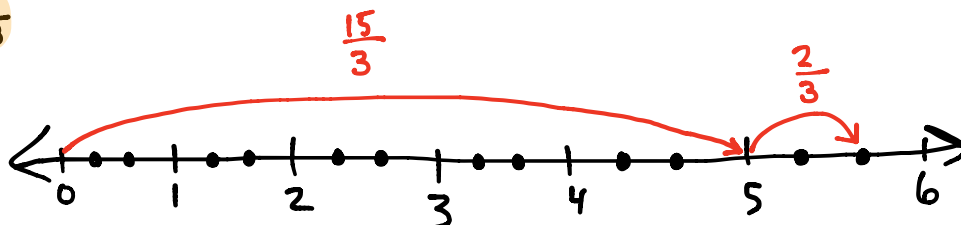
d. $\frac{15}{2}$

$$\frac{15}{2} = \frac{14}{2} + \frac{1}{2} = 7 + \frac{1}{2} = 7\frac{1}{2}$$



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

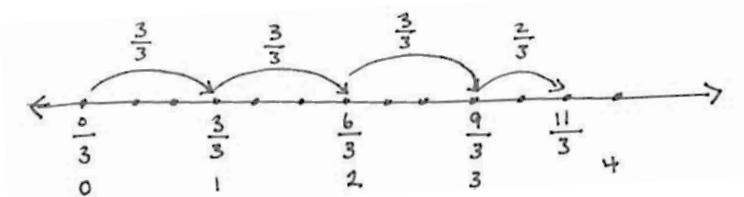
$$\frac{17}{3} = \frac{15}{3} + \frac{2}{3} = 5 + \frac{2}{3} = 5\frac{2}{3}$$



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

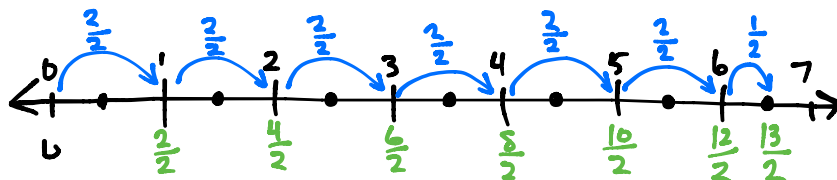
a. $\frac{11}{3}$

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



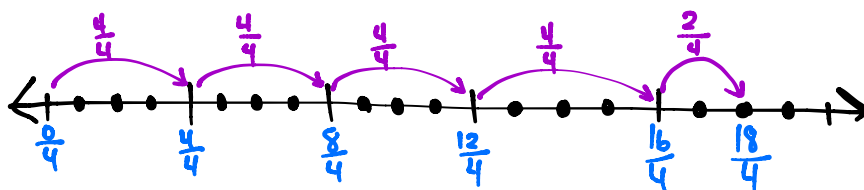
b. $\frac{13}{2}$

$$\frac{13}{2} = \frac{6 \times 2}{2} + \frac{1}{2} = 6 + \frac{1}{2} = 6\frac{1}{2}$$



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

$$\frac{18}{4} = \frac{4 \times 4}{4} + \frac{2}{4} = 4 + \frac{2}{4} = 4\frac{2}{4}$$



3. Convert each fraction to a mixed number.

<p>a. $\frac{14}{3} =$</p> $\frac{14}{3} = (4 \times \frac{3}{3}) + \frac{2}{3} = 4 + \frac{2}{3} = 4\frac{2}{3}$	<p>b. $\frac{17}{4} =$</p> $\frac{17}{4} = (4 \times \frac{4}{4}) + \frac{1}{4} = 4 + \frac{1}{4} = 4\frac{1}{4}$	<p>c. $\frac{27}{5} =$</p> $\frac{27}{5} = (5 \times \frac{5}{5}) + \frac{2}{5} = 5 + \frac{2}{5} = 5\frac{2}{5}$
<p>d. $\frac{28}{6} =$</p> $\frac{28}{6} = (4 \times \frac{6}{6}) + \frac{4}{6} = 4 + \frac{4}{6} = 4\frac{4}{6}$	<p>e. $\frac{23}{7} =$</p> $\frac{23}{7} = (3 \times \frac{7}{7}) + \frac{2}{7} = 3 + \frac{2}{7} = 3\frac{2}{7}$	<p>f. $\frac{37}{8} =$</p> $\frac{37}{8} = (4 \times \frac{8}{8}) + \frac{5}{8} = 4 + \frac{5}{8} = 4\frac{5}{8}$
<p>g. $\frac{51}{9} =$</p> $\frac{51}{9} = (5 \times \frac{9}{9}) + \frac{6}{9} = 5 + \frac{6}{9} = 5\frac{6}{9}$	<p>h. $\frac{74}{10} =$</p> $\frac{74}{10} = (7 \times \frac{10}{10}) + \frac{4}{10} = 7 + \frac{4}{10} = 7\frac{4}{10}$	<p>i. $\frac{45}{12} =$</p> $\frac{45}{12} = (3 \times \frac{12}{12}) + \frac{9}{12} = 3 + \frac{9}{12} = 3\frac{9}{12}$