


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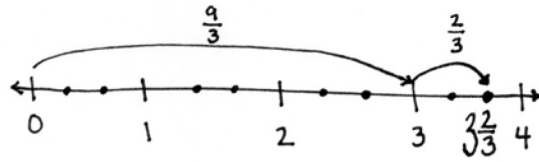
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1. Rename each fraction as a mixed number by decomposing it into two parts as shown below. Model the decomposition with a number line and a number bond.

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 the left side of the equation $\frac{11}{3}$ that spans the $\frac{9}{3}$ and $\frac{2}{3}$ terms, indicating their sum.



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

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

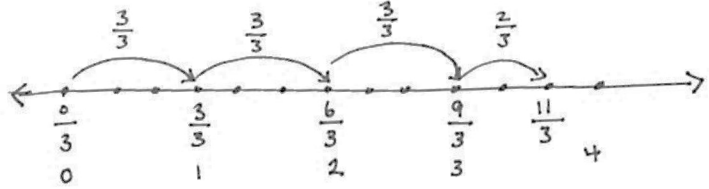
d. $\frac{15}{2}$

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. $\frac{37}{8} =$
g. $\frac{51}{9} =$	h. $\frac{74}{10} =$	i. $\frac{45}{12} =$

Answer Key

1. a. Answer provided.
- b. $3\frac{1}{4}$; number bond shows $\frac{13}{4}$ as 3 and $\frac{1}{4}$;
number line drawn
- c. $3\frac{1}{5}$; number bond shows $\frac{16}{5}$ as 3 and $\frac{1}{5}$;
number line drawn
- d. $7\frac{1}{2}$; number bond shows $\frac{15}{2}$ as 7 and $\frac{1}{2}$;
number line drawn
- e. $5\frac{2}{3}$; number bond shows $\frac{17}{3}$ as 5 and $\frac{2}{3}$;
number line drawn
2. a. Answer provided.
- b. $\frac{13}{2} = \frac{2 \times 6}{2} + \frac{1}{2} = 6 + \frac{1}{2} = 6\frac{1}{2}$; number line
drawn
- c. $\frac{18}{4} = \frac{4 \times 4}{4} + \frac{2}{4} = 4 + \frac{2}{4} = 4\frac{2}{4}$; number line
drawn
3. a. $4\frac{2}{3}$
- b. $4\frac{1}{4}$
- c. $5\frac{2}{5}$
- d. $4\frac{4}{6}$
- e. $3\frac{2}{7}$
- f. $4\frac{5}{8}$
- g. $5\frac{6}{9}$
- h. $7\frac{4}{10}$
- i. $3\frac{9}{12}$