Name

Date

1. Convert each mixed number to a fraction greater than 1. Draw a number line to model your work.





Lesson 25:

Decompose and compose fractions greater than 1 to express them in various forms.

- 2. Convert each mixed number to a fraction greater than 1. Show your work as in the example. (Note:  $3 \times \frac{4}{4} = \frac{3 \times 4}{4}$ )
  - a.  $3\frac{3}{4}$

$$3\frac{3}{4} = 3 + \frac{3}{4} = \left(3 \times \frac{4}{4}\right) + \frac{3}{4} = \frac{12}{4} + \frac{3}{4} = \frac{15}{4}$$

b. 
$$5\frac{2}{3} = 5 + \frac{2}{3} = (5 \times \frac{5}{3}) + \frac{2}{3} = \frac{15}{3} + \frac{2}{3} = \frac{17}{3}$$

$$\begin{array}{c} 4\frac{1}{5} \\ 4\frac{1$$

d.  $3\frac{7}{8}$ 

$$3\frac{7}{8} = 3 + \frac{7}{8} = (3 \times \frac{8}{8}) + \frac{7}{8} = \frac{24}{8} + \frac{7}{8} = \frac{31}{8}$$

3. Convert each mixed number to a fraction greater than 1.

a. $2\frac{1}{3} = \frac{7}{3}$	b. $2\frac{3}{4} = \frac{11}{4}$	c. $3\frac{2}{5} = \frac{17}{5}$
d. $3\frac{1}{6} = \frac{19}{6}$	e. $4\frac{5}{12} = \frac{53}{12}$	f. $4\frac{2}{5} = \frac{22}{5}$
g. $4\frac{1}{10} = \frac{41}{10}$	h. $5\frac{1}{5} = \frac{26}{5}$	i. $5\frac{5}{6} = \frac{35}{6}$
j. $6\frac{1}{4} = \frac{25}{4}$	k. $7\frac{1}{2} = \frac{15}{2}$	1. $7\frac{11}{12} = \frac{95}{12}$



Lesson 25:

Decompose and compose fractions greater than 1 to express them in various forms.