Simplify 12 18 (a) 
$$\frac{12}{18}$$
 (b)  $\frac{2}{3}$  (c)  $\frac{12}{18}$  (c)  $\frac{2}{3}$  (d)  $\frac{12}{18}$  (e)  $\frac{2}{3}$  (e)  $\frac{12}{18}$  (f)  $\frac{2}{18}$  (e)  $\frac{2}{3}$  (f)  $\frac{12}{18}$  (f)  $\frac{2}{18}$  (f)

2. 
$$\frac{30}{45}$$
:  $\frac{2}{5}$   $\frac{30}{5}$   $\frac{2}{5}$   $\frac{30}{5}$   $\frac{30}{5}$   $\frac{2}{5}$   $\frac{30}{5}$   $\frac{30}{5}$ 

3. 
$$\frac{16}{24}$$
  $\frac{2}{8}$   $\frac{2}{3}$   $\frac{2}{3}$ 

4. 
$$\frac{42}{56}$$
  $\frac{21}{63}$   $\frac{21}{63}$   $\frac{21}{3}$   $\frac{2$ 

## Now.....

- ALWAYS SIMPLIFY YOUR ANSWERS
  - > When converting, adding, subtracting, multiplying, dividing, etc., always simplify.
  - > Fractions must be reduced to simplest form.

Example: 
$$\frac{39}{10} = \frac{3}{26} = \frac{3}{26} = \frac{3}{5} = \frac{42}{5} = \frac{2}{5}$$
 $\frac{39}{126} = \frac{26}{26} = \frac{3}{26} = \frac{3}{5} = \frac{42}{5} = \frac{2}{5}$ 
 $\frac{39}{126} = \frac{26}{10} = \frac{3}{26} = \frac{2}{5} = \frac{3}{5} = \frac{2}{5}$ 
 $\frac{39}{126} = \frac{26}{10} = \frac{3}{26} = \frac{2}{5} = \frac{2}{5} = \frac{2}{5}$ 
 $\frac{39}{126} = \frac{26}{10} = \frac{3}{26} = \frac{2}{5} = \frac$ 

$$8\frac{4^{24}}{12^{14}} = 8\frac{1}{3}$$
 $12$ 
 $1 \times 9$ 
 $1 \times 12$ 
 $2 \times 6$ 
 $10 \times 3$ 

## Convert Improper Fractions to Mixed Numbers

1. 
$$\frac{17}{5}$$
:3 $\frac{2}{5}$ 

4. 
$$\frac{50}{9}$$

2. 
$$\frac{29}{6}$$
 -  $4\frac{5}{6}$ 

5. 
$$\frac{23}{4}$$

3. 
$$\frac{45}{8} = 5$$

## Copyert Mixed Numbers to Improper Fractions

1. 
$$3\frac{2}{5} = \frac{17}{5}$$

4. 
$$7\frac{5}{6}$$

$$\frac{1}{2.6\frac{1}{4}} = \frac{25}{4}$$

5. 
$$4\frac{2}{3}$$

## **Practice**