

$$750 = 2 \times 5 \times 5 \times 5 \times 3$$
$$600 = 2 \times 2 \times 2 \times 3 \times 5 \times 5$$

$$\text{GCF} = 2 \times 5 \times 5 \times 3$$
$$= 150$$

2.

LCM

15  
GCF

 6

$$6 = 2 \times 3$$

$$15 = 3 \times 5$$

$$\begin{aligned} \text{LCM} &= 2 \times 3 \times 5 \\ &= 30 \end{aligned}$$

Match  
up  
LCM

$$\begin{array}{l} 3. \quad 8 \rightarrow 2 \times 2 \times 2 = 2^3 \\ \quad 10 \rightarrow 2 \times 5 = 2 \times 5 \end{array}$$

$$\begin{aligned} \text{LCM} &= 2^3 \times 5 \\ &= 8 \times 5 \\ &= 40 \end{aligned}$$

4.  $\begin{array}{|c|} \hline 6 \\ \hline \text{LCM} \\ \hline \end{array}$   $\begin{array}{|c|} \hline 34 \\ \hline \end{array}$   $\begin{array}{|c|} \hline \text{GCF} \\ \hline \end{array}$

$$\begin{array}{l} 6 = 2 \times 3 \\ 34 = 2 \times 17 \end{array}$$

$$\text{GCF} = 2.$$

5.

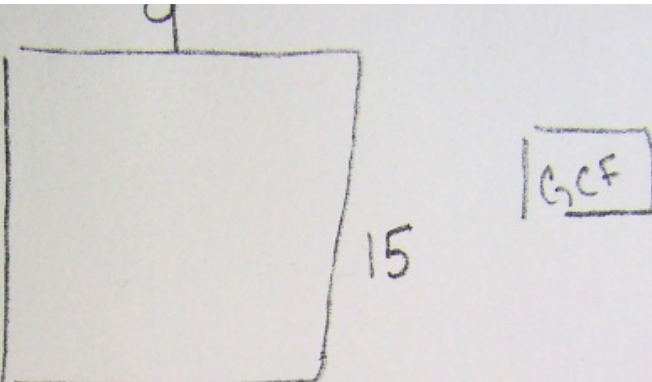
$$\begin{array}{r} 16 \\ 20 \\ \hline 36 \\ \text{All the class} \end{array}$$

GCF

$$\begin{array}{l} 16 = 2 \times 2 \times 2 \times 2 \\ 20 = 2 \times 2 \times 5 \end{array}$$

$$\begin{aligned} \text{GCF} &= 2 \times 2 \\ &= 4 \end{aligned}$$

6.



$9 = 3 \times 3$   
 $15 = 3 \times 5$   
GCF = 3

7.  $8 = 2 \times 2 \times 2 = 2^3$   
 $14 = 2 \times 7 = 2 \times 7$

Match  
up  
LCM

LCM =  $2^3 \times 7$   
 $= 8 \times 7$   
 $= 56$

8.  $40 = 2 \times 2 \times 2 \times 5 = 2^3 \times 5$   
 $50 = 2 \times 5 \times 5 = 2 \times 5^2$

Match  
up  
LCM

LCM =  $2^3 \times 5^2$   
 $= 8 \times 25$   
 $= 200$

8,  $40 = 2 \times 2 \times 2 \times 5 = 2^3 \times 5$   
 $50 = 2 \times 5 \times 5 = 2 \times 5^2$

LCM =  $2^3 \times 5^2$   
 $= 8 \times 25$   
 $= 200$

3.  $8 = 2 \times 2 \times 2 = 2^3$