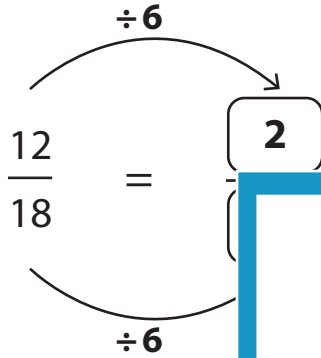


## Simplifying Fractions - GCF Method

Simplify each fraction using the GCF method.

1)  $\frac{12}{18}$

GCF of 12 and 18 =



2)  $\frac{8}{6}$

GCF of 8 and 6 =

$\frac{8}{6} = \frac{\text{}{\text{$

3)  $\frac{7}{28}$

GCF of 7 and 28 =  and 16 =

$\frac{7}{28} = \frac{\text{}{\text{$

5)  $\frac{44}{77}$

GCF of 44 and 77 =  and 9 =

$\frac{44}{77} = \frac{\text{}{\text{$        $\frac{33}{9} = \frac{\text{}{\text{$

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## Simplifying Fractions - GCF Method

Simplify each fraction using the GCF method.

1)  $\frac{12}{18}$

GCF of 12 and 18 = **6**

$$\frac{12}{18} = \frac{2}{3}$$

Diagram showing the simplification of  $\frac{12}{18}$  to  $\frac{2}{3}$  by dividing both numerator and denominator by 6. The GCF of 12 and 18 is 6. The simplified fraction is  $\frac{2}{3}$ .

2)  $\frac{8}{6}$

GCF of 8 and 6 = **2**

$$\frac{8}{6} = \frac{4}{3}$$

Diagram showing the simplification of  $\frac{8}{6}$  to  $\frac{4}{3}$  by dividing both numerator and denominator by 2. The GCF of 8 and 6 is 2. The simplified fraction is  $\frac{4}{3}$ .

3)  $\frac{7}{28}$

GCF of 7 and 28 = **7**

$$\frac{7}{28} = \frac{1}{4}$$

Diagram showing the simplification of  $\frac{7}{28}$  to  $\frac{1}{4}$  by dividing both numerator and denominator by 7. The GCF of 7 and 28 is 7. The simplified fraction is  $\frac{1}{4}$ .

$$\frac{13}{16} = \frac{13}{4}$$

Diagram showing the simplification of  $\frac{13}{16}$  to  $\frac{13}{4}$  by dividing both numerator and denominator by 4. The GCF of 13 and 16 is 1. The simplified fraction is  $\frac{13}{4}$ .

5)  $\frac{44}{77}$

GCF of 44 and 77 = **11**

$$\frac{44}{77} = \frac{4}{7}$$

Diagram showing the simplification of  $\frac{44}{77}$  to  $\frac{4}{7}$  by dividing both numerator and denominator by 11. The GCF of 44 and 77 is 11. The simplified fraction is  $\frac{4}{7}$ .

GCF of 33 and 9 = **3**

$$\frac{33}{9} = \frac{11}{3}$$

Diagram showing the simplification of  $\frac{33}{9}$  to  $\frac{11}{3}$  by dividing both numerator and denominator by 3. The GCF of 33 and 9 is 3. The simplified fraction is  $\frac{11}{3}$ .

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