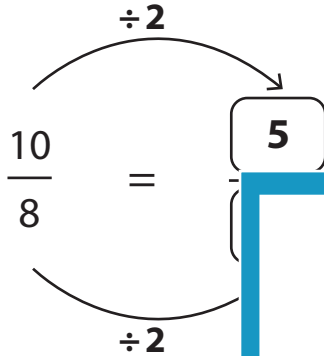


## Simplifying Fractions - GCF Method

Simplify each fraction using the GCF method.

1)  $\frac{10}{8}$

GCF of 10 and 8 =



2)  $\frac{54}{30}$

GCF of 54 and 30 =

$\frac{54}{30} = \frac{\text{}{\text{$

3)  $\frac{18}{45}$

GCF of 18 and 45 =       GCF of 6 and 9 =

$\frac{18}{45} = \frac{\text{}{\text{$

5)  $\frac{20}{55}$

GCF of 20 and 55 =       GCF of 8 and 64 =

$\frac{20}{55} = \frac{\text{}{\text{$        $\frac{8}{64} = \frac{\text{}{\text{$

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## Simplifying Fractions - GCF Method

Simplify each fraction using the GCF method.

1)  $\frac{10}{8}$

GCF of 10 and 8 = **2**

$$\frac{10}{8} = \frac{5}{4}$$

Diagram showing the simplification of  $\frac{10}{8}$  by dividing both numerator and denominator by 2. The result is  $\frac{5}{4}$ .

2)  $\frac{54}{30}$

GCF of 54 and 30 = **6**

$$\frac{54}{30} = \frac{9}{5}$$

Diagram showing the simplification of  $\frac{54}{30}$  by dividing both numerator and denominator by 6. The result is  $\frac{9}{5}$ .

3)  $\frac{18}{45}$

GCF of 18 and 45 = **9**

$$\frac{18}{45} = \frac{2}{5}$$

Diagram showing the simplification of  $\frac{18}{45}$  by dividing both numerator and denominator by 9. The result is  $\frac{2}{5}$ .

$$\frac{6}{9} = \frac{2}{3}$$

Diagram showing the simplification of  $\frac{6}{9}$  by dividing both numerator and denominator by 3. The result is  $\frac{2}{3}$ .

5)  $\frac{20}{55}$

GCF of 20 and 55 = **5**

$$\frac{20}{55} = \frac{4}{11}$$

Diagram showing the simplification of  $\frac{20}{55}$  by dividing both numerator and denominator by 5. The result is  $\frac{4}{11}$ .

GCF of 8 and 64 = **8**

$$\frac{8}{64} = \frac{1}{8}$$

Diagram showing the simplification of  $\frac{8}{64}$  by dividing both numerator and denominator by 8. The result is  $\frac{1}{8}$ .

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