Name : _____

Simplifying Fractions - GCF Method

Sheet 3

Simplify each fraction using the GCF method.

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

GCF of 10 and 8 = **2**

$\frac{10}{8} = \frac{\boxed{5}}{\boxed{}}$ (÷2 / ÷2)

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

GCF of 54 and 30 = ☐

$\frac{54}{} = \frac{\boxed{}}{\boxed{}}$

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

GCF of 18 and 45 [illegible] f 6 and 9 = ☐

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

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

GCF of 20 and 55 = ☐

$\frac{20}{55} = \frac{\boxed{}}{\boxed{}}$

GCF of 8 and 64 = ☐

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

Name : _____

Answer Key

Sheet 3

Simplifying Fractions - GCF Method

Simplify each fraction using the GCF method.

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

GCF of 10 and 8 = **2**

$\frac{10}{8} = \frac{\boxed{5}}{\boxed{}}$ (÷2)

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

GCF of 54 and 30 = **6**

$\frac{54}{\boxed{}} = \frac{\boxed{9}}{\boxed{5}}$ (÷6)

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

GCF of 18 and 45 [illegible] f 6 and 9 = **3**

$\frac{18}{45} = \frac{\boxed{}}{\boxed{}} = \frac{\boxed{2}}{\boxed{3}}$ (÷9, ÷3)

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

GCF of 20 and 55 = **5**

$\frac{20}{55} = \frac{\boxed{4}}{\boxed{11}}$ (÷5)

GCF of 8 and 64 = **8**

$\frac{8}{64} = \frac{\boxed{1}}{\boxed{8}}$ (÷8)