SIMPLIFYING FRACTIONS

Name _____

Score _____

Reduce each fraction to its simplest form using the Greatest Common Factor (GCF).

Example: $\frac{12}{18}$

Factors of 12 → 1, 2, 3, 4, 6, 12

Factors of 18 → 1, 2, 3, 6, 9, 18

GCF = 6

Divide numerator and denominator by their GCF.

12/18 = 2/3

$\frac{33}{44}$

$\frac{40}{60}$

$\frac{54}{81}$

$\frac{24}{36}$

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Answer Key

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GCF = 6

Divide numerator and denominator by their GCF.

12/18 = 2/3

$\frac{33}{44}$

GCF = 11

33 ÷ 11 = 3, 44 ÷ 11 = 4

= $\frac{3}{4}$

$\frac{40}{60}$

GCF = 20

40 ÷ 20 = 2, 60 ÷ 20 = 3

= $\frac{2}{3}$

$\frac{54}{81}$

GCF = 27

54 ÷ 27 = 2, 81 ÷ 27 = 3

= $\frac{2}{3}$

$\frac{24}{36}$

GCF = 12

24 ÷ 12 = 2, 36 ÷ 12 = 3

= $\frac{2}{3}$