

Name _____

Greatest Common Factor

Find the **Greatest Common Factor (GCF)** for each set of numbers.

1. 44, 60

Factors of 44 = 1, 2, 4, 11, 22, 44

Factors of 60 = 1, 2, 3, 4, 5, 6, 10, 12, 15, 20, 30, 60

Common factors = 1, 2, 4

GCF (44, 60) = 4

2. 25, 15

Factors of 25 = 1, 3, 5, 15

Factors of 15 = 1, 5, 25

Common factors = 1, 5

GCF (25, 15) = 5

3. 66, 45

Factors of 66 = 1, 3, 5, 9, 15, 45

Factors of 45 = 1, 2, 3, 6, 11, 22, 33, 66

Common factors = 1, 3

GCF (66, 45) = 3

4. 14, 26

Factors of 14 = 1, 2, 7, 14

Factors of 26 = 1, 2, 13, 26

Common factors = 1, 2

GCF (14, 26) = 2

5. 20, 40

Factors of 20 = 1, 2, 4, 5, 10, 20

Factors of 40 = 1, 2, 4, 5, 8, 10, 20, 40

Common factors = 1, 2, 4, 5, 10, 20

GCF (20, 40) = 20