

Name : \_\_\_\_\_

## Greatest Common Factor

MS2

Find the greatest common factor for each pair of numbers.

1) 36, 24

Factors of 36 = \_\_\_\_\_

Factors of 24 = \_\_\_\_\_

GCF(36, 24) = \_\_\_\_\_

2) 44, 66

Factors of 44 = \_\_\_\_\_

Factors of 66 = \_\_\_\_\_

GCF(44, 66) = \_\_\_\_\_

3) 40, 80

Factors of 40 = \_\_\_\_\_

Factors of 80 = \_\_\_\_\_

GCF(40, 80) = \_\_\_\_\_

4) 84, 14

Factors of 84 = \_\_\_\_\_

Factors of 14 = \_\_\_\_\_

GCF(84, 14) = \_\_\_\_\_

5) 45, 75

Factors of 45 = \_\_\_\_\_

Factors of 75 = \_\_\_\_\_

GCF(45, 75) = \_\_\_\_\_

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## Answer key

MS2

### Greatest Common Factor

Find the greatest common factor for each pair of numbers.

1) 36, 24

Factors of 36 = 1, 2, 3, 4, 6, 9, 12, 18, 36

Factors of 24 = 1, 2, 3, 4, 6, 8, 12, 24

GCF(36, 24) = 12

2) 44, 66

Factors of 44

Factors of 66

GCF(44, 66)

3) 40, 80

Factors of 40

Factors of 80

GCF(40, 80)

4) 84, 14

Factors of 84

Factors of 14

GCF(84, 14) = 14

5) 45, 75

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

Factors of 75 = 1, 3, 5, 15, 25, 75

GCF(45, 75) = 15

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