

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

## Greatest Common Factor

MS4

Find the greatest common factor for each pair of numbers.

1) 27, 54

Factors of 27 = \_\_\_\_\_

Factors of 54 = \_\_\_\_\_

GCF(27, 54) = \_\_\_\_\_

2) 72, 40

Factors of 72 = \_\_\_\_\_

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

GCF(72, 40) = \_\_\_\_\_

3) 65, 78

Factors of 65 = \_\_\_\_\_

Factors of 78 = \_\_\_\_\_

GCF(65, 78) = \_\_\_\_\_

4) 96, 32

Factors of 96 = \_\_\_\_\_

Factors of 32 = \_\_\_\_\_

GCF(96, 32) = \_\_\_\_\_

5) 12, 48

Factors of 12 = \_\_\_\_\_

Factors of 48 = \_\_\_\_\_

GCF(12, 48) = \_\_\_\_\_

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## Answer key

MS4

### Greatest Common Factor

Find the greatest common factor for each pair of numbers.

1) 27, 54

Factors of 27 = 1, 3, 9, 27

Factors of 54 = 1, 2, 3, 6, 9, 18, 27, 54

GCF(27, 54) = 27

2) 72, 40

Factors of 72

Factors of 40

GCF(72, 40)

3) 65, 78

Factors of 65

Factors of 78

GCF(65, 78)

4) 96, 32

Factors of 96

Factors of 32

GCF(96, 32) = 32

5) 12, 48

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

Factors of 48 = 1, 2, 3, 4, 6, 8, 12, 16, 24, 48

GCF(12, 48) = 12

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