Name : _____

ES1

Greatest Common Factor

Find the greatest common factor for each pair of numbers.

1) 4, 8

Factors of 4 = _____

Factors of 8 = _____

GCF(4, 8) = _____

2) 12, 20

Factors of 12 = _____

Factors of 20 = _____

GCF(12, 20) = _____

3) 21, 3

Factors of 21 = _____

Factors of 3 = _____

GCF(21, 3) = _____

4) 24, 6

Factors of 24 = _____

Factors of 6 = _____

GCF(24, 6) = _____

5) 14, 16

Factors of 14 = _____

Factors of 16 = _____

GCF(14, 16) = _____

Name : _____

Answer key

Greatest Common Factor

ES1

Find the greatest common factor for each pair of numbers.

1) 4, 8

Factors of 4 = 1, 2, 4

Factors of 8 = 1, 2, 4, 8

GCF(4, 8) = 4

2) 12, 20

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

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

GCF(12, 20) = 4

3) 21, 3

Factors of 21 = 1, 3, 7, 21

Factors of 3 = 1, 3

GCF(21, 3) = 3

4) 24, 6

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

Factors of 6 = 1, 2, 3, 6

GCF(24, 6) = 6

5) 14, 16

Factors of 14 = 1, 2, 7, 14

Factors of 16 = 1, 2, 4, 8, 16

GCF(14, 16) = 2