Greatest Common Factors

Name:_____   Date:_____

Find Greatest Common Factor.

1) 12, 15, 21

Factors of 12 = _____

Factors of 15 = _____

Factors of 21 = _____

GCF (12, 15, 21) = _____

2) 4, 8, 40

Factors of 4 = _____

Factors of 8 = _____

Factors of 40 = _____

GCF (4, 8, 40) = _____

3) 30, 20, 10

Factors of 30 = _____

Factors of 20 = _____

Factors of 10 = _____

GCF (30, 20, 10) = _____

4) 4, 6, 10

Factors of 4 = _____

Factors of 6 = _____

Factors of 10 = _____

GCF (4, 6, 10) = _____

5) 15, 25, 75

Factors of 15 = _____

Factors of 25 = _____

Factors of 75 = _____

GCF (15, 25, 75) = _____

6) 13, 26, 52

Factors of 13 = _____

Factors of 26 = _____

Factors of 52 = _____

GCF (13, 26, 52) = _____

Greatest Common Factors

Name:_____

Find Greatest Common Factor.

1) **12, 15, 21**

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

Factors of 15   =   1, 3, 5, 15

Factors of 21   =   1, 3, 7, 21

GCF (12, 15, 21) =   3

2) **4, 8, 40**

Factors of 4   =   1, 2, 4

Factors of 8   =   1, 2, 4, 8

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

GCF (4, 8, 40) =   4

3) **30, 20, 10**

Factors of 30   =   1, 2, 3, 5, 6, 10, 15, 30

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

Factors of 10   =   1, 2, 5, 10

GCF (30, 20, 10) =   10

4) **4, 6, 10**

Factors of 4   =   1, 2, 4

Factors of 6   =   1, 2, 3, 6

Factors of 10   =   1, 2, 5, 10

GCF (4, 6, 10) =   2

5) **15, 25, 75**

Factors of 15   =   1, 3, 5, 15

Factors of 25   =   1, 5, 25

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

GCF (15, 25, 75) =   5

6) **13, 26, 52**

Factors of 13   =   1, 13

Factors of 26   =   1, 2, 13, 26

Factors of 52   =   1, 2, 4, 13, 26, 52

GCF (13, 26, 52) =   13