Greatest Common Factors

Name:_____   Date:_____

Find Greatest Common Factor.

1) **7, 14, 42**

Factors of 7 = _____

Factors of 14 = _____

Factors of 42 = _____

GCF (7, 14, 42) = _____

2) **5, 15, 45**

Factors of 5 = _____

Factors of 15 = _____

Factors of 45 = _____

GCF (5, 15, 45) = _____

3) **11, 22, 44**

Factors of 11 = _____

Factors of 22 = _____

Factors of 44 = _____

GCF (11, 22, 44) = _____

4) **12, 15, 21**

Factors of 12 = _____

Factors of 15 = _____

Factors of 21 = _____

GCF (12, 15, 21) = _____

5) **10, 25, 50**

Factors of 10 = _____

Factors of 25 = _____

Factors of 50 = _____

GCF (10, 25, 50) = _____

6) **18, 27, 36**

Factors of 18 = _____

Factors of 27 = _____

Factors of 36 = _____

GCF (18, 27, 36) = _____

Greatest Common Factors

Find Greatest Common Factor.

1) **7, 14, 42**

Factors of 7   =   1, 7

Factors of 14   =   1, 2, 7, 14

Factors of 42   =   1, 2, 3, 6, 7, 14, 21, 42

GCF (7, 14, 42) =   7

2) **5, 15, 45**

Factors of 5   =   1, 5

Factors of 15   =   1, 3, 5, 15

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

GCF (5, 15, 45) =   5

3) **11, 22, 44**

Factors of 11   =   1, 11

Factors of 22   =   1, 2, 11, 22

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

GCF (11, 22, 44) =   11

4) **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

5) **10, 25, 50**

Factors of 10   =   1, 2, 5, 10

Factors of 25   =   1, 5, 25

Factors of 50   =   1, 2, 5, 10, 25, 50

GCF (10, 25, 50) =   5

6) **18, 27, 36**

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

Factors of 27   =   1, 3, 9, 27

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

GCF (18, 27, 36) =   9