Greatest Common Factors

Name:_____   Date:_____

Find Greatest Common Factor.

1) **14, 16, 18**

Factors of 14   = _____

Factors of 16   = _____

Factors of 18   = _____

GCF (14, 16, 18) = _____

2) **30, 20, 10**

Factors of 30   = _____

Factors of 20   = _____

Factors of 10   = _____

GCF (30, 20, 10) = _____

3) **9, 18, 27**

Factors of 9   = _____

Factors of 18   = _____

Factors of 27   = _____

GCF (9, 18, 27) = _____

4) **14, 21, 28**

Factors of 14   = _____

Factors of 21   = _____

Factors of 28   = _____

GCF (14, 21, 28) = _____

5) **8, 16, 24**

Factors of 8   = _____

Factors of 16   = _____

Factors of 24   = _____

GCF (8, 16, 24) = _____

6) **12, 20, 32**

Factors of 12   = _____

Factors of 20   = _____

Factors of 32   = _____

GCF (12, 20, 32) = _____

Greatest Common Factors

Name:_____   Date:_____

Find Greatest Common Factor.

1) **14, 16, 18**

Factors of 14   =   1, 2, 7, 14

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

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

GCF (14, 16, 18) =   2

2) **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

3) **9, 18, 27**

Factors of 9   =   1, 3, 9

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

Factors of 27   =   1, 3, 9, 27

GCF (9, 18, 27) =   9

4) **14, 21, 28**

Factors of 14   =   1, 2, 7, 14

Factors of 21   =   1, 3, 7, 21

Factors of 28   =   1, 2, 4, 7, 14, 28

GCF (14, 21, 28) =   7

5) **8, 16, 24**

Factors of 8   =   1, 2, 4, 8

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

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

GCF (8, 16, 24) =   8

6) **12, 20, 32**

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

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

Factors of 32   =   1, 2, 3, 4, 16, 32

GCF (12, 20, 32) =   4