Greatest Common Factors

Name:_____   Date:_____

Find Greatest Common Factor.

1) **3, 6, 9**

Factors of 3 = _____

Factors of 6 = _____

Factors of 9 = _____

GCF (3, 6, 9) = _____

2) **16, 32, 64**

Factors of 16 = _____

Factors of 32 = _____

Factors of 64 = _____

GCF (16, 32, 64) = _____

3) **7, 49, 98**

Factors of 7 = _____

Factors of 49 = _____

Factors of 98 = _____

GCF (7, 49, 98) = _____

4) **11, 22, 44**

Factors of 11 = _____

Factors of 22 = _____

Factors of 44 = _____

GCF (11, 22, 44) = _____

5) **7, 14, 70**

Factors of 7 = _____

Factors of 14 = _____

Factors of 70 = _____

GCF (7, 14, 70) = _____

6) **14, 16, 18**

Factors of 14 = _____

Factors of 16 = _____

Factors of 18 = _____

GCF (14, 16, 18) = _____

Greatest Common Factors

Name:_____   Date:_____

Find Greatest Common Factor.

1) **3, 6, 9**

Factors of 3	=	1, 3
Factors of 6	=	1, 2, 3, 6
Factors of 9	=	1, 3, 9
GCF (3, 6, 9)	=	3

2) **16, 32, 64**

Factors of 16	=	1, 2, 4, 8, 16
Factors of 32	=	1, 2, 4, 8, 16, 32
Factors of 64	=	1, 2, 4, 8, 16, 32, 64
GCF (16, 32, 64)	=	16

3) **7, 49, 98**

Factors of 7	=	1, 7
Factors of 49	=	1, 7, 49
Factors of 98	=	1, 2, 7, 14, 49, 98
GCF (7, 49, 98)	=	7

4) **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

5) **7, 14, 70**

Factors of 7	=	1, 7
Factors of 14	=	1, 2, 7, 14
Factors of 70	=	1, 2, 5, 7, 10, 14, 35, 70
GCF (7, 14, 70)	=	7

6) **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