# LCM, GCF and Prime Factor Tree

Name:_____          Date:_____

## Factors

9, 12, 14, 28

Factors of 9      =   _____

Factors of 12     =   _____

Factors of 14     =   _____

Factors of 28     =   _____

## LCM (Least Common Multiple)

1)  20 and 12      =   LCM:_____          2)  5 and 40       =   LCM:_____

3)  30 and 6       =   LCM:_____          4)  50 and 10      =   LCM:_____

## GCF (Greatest Common Factor)

1)  4 and 24       =   GCF:_____          2)  16 and 32      =   GCF:_____

3)  21 and 36      =   GCF:_____          4)  15 and 25      =   GCF:_____

Draw the Prime Factor Tree and write all the prime factors

1)   28                          2)   26                          3)   81

Prime factors 28 = _____          Prime factors 26 = _____          Prime factors 81 = _____

# LCM, GCF and Prime Factor Tree

Name:_____          Date:_____

## Factors

9, 12, 14, 28

Factors of 9      =      1, 3, 9

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

Factors of 14     =      1, 2, 7, 14

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

## LCM (Least Common Multiple)

1)  20 and 12    =    LCM:        60          2)  5 and 40     =    LCM:        40

3)  30 and 6     =    LCM:        30          4)  50 and 10    =    LCM:        50

## GCF (Greatest Common Factor)

1)  4 and 24     =    GCF:        4           2)  16 and 32    =    GCF:        16
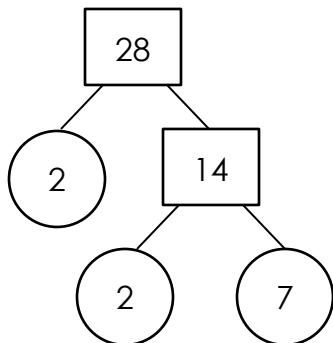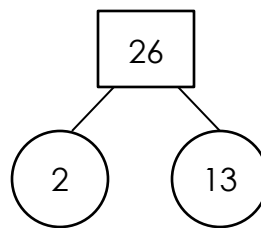
3)  21 and 36    =    GCF:        3           4)  15 and 25    =    GCF:        5
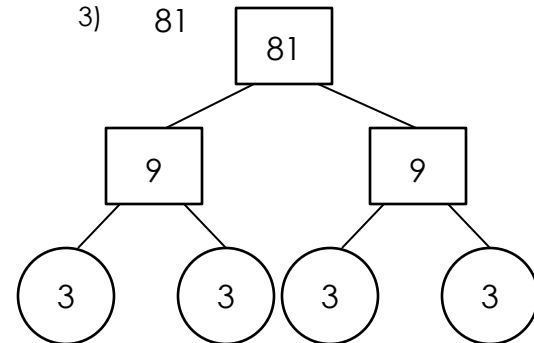
Draw the Prime Factor Tree and write all the prime factors

1)   28                          2)   26                          3)   81

Prime factors 28 = 7 x 2 x 2      Prime factors 26 = 13 x 2      Prime factors 81 = 3 x 3 x 3 x 3