Name: _____ Date: _____

Factoring Out with Factor Trees

28 ← Write the number you want to factor at the top.

7 is a prime number so leave it as it is. → 7 X 4 ← 4 is a composite number so we write it as 2 X 2.

7   2   2

Prime factor   Prime factor   Prime factor
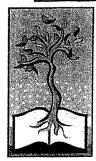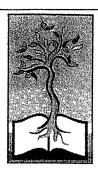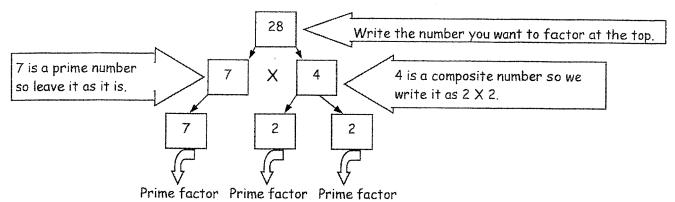
2 X 2 X 7 = 28

> The correct answer must be only PRIME Numbers and must multiply together to give the specified quantity.
> The number 1 is not used in factor trees.

Draw a factor tree for each number.

36	40
Write the number as a product of prime numbers:	Write the number as a product of prime numbers:

Grade Six: Number Part 1

Draw a factor tree
for each number.

80	27
Write the number as a product of prime numbers:	Write the number as a product of prime numbers:

55	105
Write the number as a product of prime numbers:	Write the number as a product of prime numbers: