Name: _____   Date: _____

Learning Goal 3.2	Given a number or set of numbers, identify the prime factorization of each element and use it to find the GCF, LCM, perfect squares or cubes and/or factored form.

Factor

Multiple

Person 1: a	Person 2: b	Person 3: c	Person 4: d
$a \times b$		$c \times d$	
Factors	Multiples	Factors	Multiples

Compare with your neighbouring group

Group A   Group B

$$a \times b =$$ $$c \times d =$$

Common Factors	Common Multiples
Biggest?	Smallest?

How do we know?

Example For the numbers 28, 42 and150

    a. Find the GCF.

    b. Find the LCM.