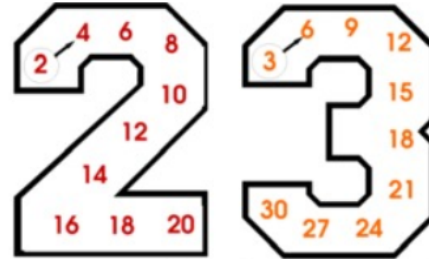


Lesson 8- Lowest Common Multiple

What is a multiple? A multiple is what you get when you multiply a number by an integer (whole number)



What are the multiples of 5?

5, 10, 15, 20, 25...

Lowest Common Multiple (LCM) =least common multiple

The lowest (smallest) multiple that 2 numbers have in common or least

How do I find L.C.M. ?

LIST	TREES and table
<p>Steps:</p> <p>1) Write the multiples for each number</p> <p>2) Highlight the common multiples</p> <p>3) Find the lowest Common Multiple for both numbers.</p>	<p>Steps:</p> <p>1) Make a factor tree for each number being asked</p> <p>2) Show the multiplication of prime numbers</p> <p>3) Circle the prime numbers in your tree</p> <p>4) Put prime numbers into a table</p> <p>5) Multiply the groups of numbers and the other numbers left over</p>

Example: Find the LCM of 4 and 6

Multiples of 4 are = 4, 8, 12, 16, 20

Multiples of 6 are = 6, 12, 18

So the LCM is = 12

Example 2- Show work on loose leaf- Find the LCM of 4, 6 and 8