

Module 1 Lesson 5

I will be able to identify multiples of a number and find the LCM of numbers

Multiple

The product of any two numbers

MANY MULTIPLES

List the first 5 Multiples

15: 15, 30, 45, 60, 75
15x1 15x2 15x3 15x4 15x5

8: 8, 16, 24, 32, 40

Least Common Multiple - smallest multiple all (LCM) the #s have

<u>Least</u>	<u>Common</u>	<u>Multiple</u>
Smallest	- all have - same	- product of any 2 #s

Find the Least Common Multiple

3 and 6

3: 3, (6)

6: (6)

LCM = 6

14 and 21

14: 14, 28, (42)

21: 21, (42)

LCM = 42

The Movie Theater gives away a \$5 coupon for every 4 movies purchased. They give away a bag of popcorn for every 3 movies purchased. How many movies would you have to purchase in all before receiving both a \$5 coupon and a bag of popcorn at the same purchase?

LCM

4: 4, 8, 12
3: 3, 6, 9, 12

12 movies

Try IT!

Walking Worksheet

Rip out a Piece of Lined Paper