3.1　**Factors and Multiples of Whole Numbers**

Lesson 2

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Connect　　　　　　　　**DEFINITIONS:**

Greatest Common Factor
(GCF)

The *greatest common factor* of two or more numbers is the greatest factor the numbers have in common.

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Connect　　　　*Greatest Common Factor*

EXAMPLE: Find the GCF of 18 and 24

Factors of 18	Factors of 24	Steps:
		Find all the factors of each number.
		Circle the highest number that is found in both numbers
GCF =		

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Connect　　　　　　　　　　**YOU TRY!**

Find the GCF of 36 and 9

	Steps:
	Find all the factors of each number.
	Circle the highest number that is found in both numbers
GCF =	

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Connect   DEFINITIONS:

Least Common Multiple
(LCM)

The *least common multiple* of two or
more numbers is the least number that
is divisible by each number

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Connect   Least Common Multiple

EXAMPLE: Find the LCM of 3 and 4

Multiples of 3	Multiples of 4	Steps:
		Find all the multiples of each number.
		Circle the smallest number that is found in both numbers
LCM =		

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Connect   YOU TRY!

Find the LCM of 18 and 20

	Steps:
	Find all the multiples of each number.
	Circle the smallest number that is found in both numbers
GCF =	

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Practice   HOMEWORK!

Textbook Questions:

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