Concept: Multiplying Integers

Name:

COMPUTER COMPONENT

Instructions: In UMATH X follow the **Content Menu** path:

Whole Numbers and Integers > Multiplying Integers

Work through all Sub Lessons of the following Lessons **in order**:

- *Multiplication Is ...*
- *The Multiplication Table*
- *Order in Multiplication*
- *Markers … help in understanding.*
- *Positive × Positive*
- *Positive × Negative*
- *Negative × Negative*
- *Summary #1 ... Signs*
- *Summary #2 ... Signs*
- *Example Questions*
- *Word Problems*

As you work through the computer exercises, you will be prompted to make notes in your notebook/math journal.

OFF COMPUTER EXERCISES

1. Circle the correct answer for each of the following statements:

(a) The order of the numbers in multiplication... Does Matter Does Not Matter

This is called the _____property.

(b) When faced with a multiplication question containing more than two integers, you may...

Multiply in pairs Add

2. Demonstrate your knowledge of multiplying integers by completing the table below.

Type of Integer	Multiplied By	Type of Integer	Is Equal To	Sign of the Answer
positive	×	positive	=	
positive	×	negative	=	

negative	×	positive	=	
negative	×	negative	=	

Therefore,

The product of 2 integers with the same sign is _____.

The product of 2 integers with different signs is _____.

3. Find the product of the following integers.

(a) (3) x (5) =

(b) (-3) x (4) =

c) (-8) x (-4) =

(d) (6) x (-8) =

(e) (-12) x (-3) =

(f) (-4) x (6) =

(g) (4) x (8) x (-1) =

(h) (-2) x (3) x (4) =

(i) (-3) x (-2) x (-2) =

(j) (4)(0)(-2) =

(k) (-2)(-2)(-2) =

(l) (-2)(3)(-6) =

(m) (6)(-8)(5) =

(n) (-1)(-1)(-1)(-1) =

(o) (-2)(-5)(2)(1) =

(p) (-2)(3)(-1)(8) =

(q) (3)(2)(-7)(4) =

(r) (-2)(8)(-6)(-5) =

4. Four students in a class of 28 have their driver's license. If each student drives a car that can seat 5 people, how many students will be able to get a ride to the mall at lunch?

_____

_____

_____

5. Meredith loses her allowance each week that she doesn't do her chores.
   Meredith's allowance is $8 per week.
   If Meredith hasn't done her chores in 6 weeks, how much money has she lost?

_____

_____

_____

6. Bob earns $9/hour at his job. He always works 30 hour per week.
   How much does Bob earn in 4 weeks?

_____

_____

_____