MULTIPLYING INTEGERS

Worksheet #8

Name: _____ Class: _____

Learning Goal: Students will be able to multiply integers in the form (-a) x (-b) x (-c) using proper sign rules.

Example:

$$(-3) \times (-2) \times (-5) = -30$$

+	−	−
−	+	−
−	−	+

$(-2) \times (-3) \times (-4) = \square$

$(-5) \times (-1) \times (-7) = \square$

$(-3) \times (-4) \times (-2) = \square$

$(-7) \times (-2) \times (-3) = \square$

$(-4) \times (-5) \times (-1) = \square$

$(-6) \times (-3) \times (-2) = \square$

$(-9) \times (-1) \times (-5) = \square$

$(-8) \times (-2) \times (-4) = \square$

MULTIPLYING INTEGERS

Worksheet #8(Answers)

Name: _____ Class: _____

Learning Goal: Students will be able to multiply integers in the form (-a) x (-b) x (-c) using proper sign rules.

Example:

$$(-3) \times (-2) \times (-5) = -30$$

$(-2) \times (-3) \times (-4) = \square$

-2 × -3 × -4
= 6 x -4
= -24

Negative× Negative= Positive
Positive × Negative = Negative

$(-5) \times (-1) \times (-7) = \square$

-5 × -1 × -7
5 × -7
= -35

Negative× Negative= Positive
Positive × Negative = Negative

$(-3) \times (-4) \times (-2) = \square$

-3 × -4 × -2
12 × -2
= -24

Negative× Negative= Positive
Positive × Negative = Negative

$(-7) \times (-2) \times (-3) = \square$

-7 × -2 × -3
14 × -3
= -42

Negative× Negative= Positive
Positive × Negative = Negative

$(-4) \times (-5) \times (-1) = \square$

-4 × -5 × -1
-20 × -1
= -20

Negative× Negative= Positive
Positive × Negative = Negative

$(-6) \times (-3) \times (-2) = \square$

-6 × -3 × -2
18 × -2
= -36

Negative× Negative= Positive
Positive × Negative = Negative

$(-9) \times (-1) \times (-5) = \square$

-9 × -1 × -5
9 × -5
= -45

Negative× Negative= Positive
Positive × Negative = Negative

$(-8) \times (-2) \times (-4) = \square$

-8 × -2 × -4
16 × -4
= -64

Negative× Negative= Positive
Positive × Negative = Negative