MULTIPLYING INTEGERS

Worksheet #4

Name: _____ Class: _____

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

Example:

$$2 \times (-2) \times 5 = -20$$

+	−	−
−	+	−
−	−	+

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

$5 \times (-2) \times 6 = \square$

$3 \times (-4) \times 5 = \square$

$7 \times (-1) \times 9 = \square$

$4 \times (-5) \times 3 = \square$

$6 \times (-2) \times 10 = \square$

$8 \times (-3) \times 2 = \square$

$9 \times (-4) \times 1 = \square$

MULTIPLYING INTEGERS

Worksheet #4(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:

$$2 \times (-2) \times 5 = -20$$

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

2 × (-3) x 4
= -6 x 4
= -24

Positive × Negative = Negative
Negative× Positive = Negative

$5 \times (-2) \times 6 = \square$

5 × (-2) × 6
-10 × 6
= -60

Positive × Negative = Negative
Negative× Positive = Negative

$3 \times (-4) \times 5 = \square$

3 × (-4) × 5
-12 × 5
= -60

Positive × Negative = Negative
Negative× Positive = Negative

$7 \times (-1) \times 9 = \square$

7 × (-1) × 9
-7 × 9
= -63

Positive × Negative = Negative
Negative× Positive = Negative

$4 \times (-5) \times 3 = \square$

4 × (-5) × 3
-20 × 3
= -60

Positive × Negative = Negative
Negative× Positive = Negative

$6 \times (-2) \times 10 = \square$

6 × (-2) × 10
-12 × 10
= -120

Positive × Negative = Negative
Negative× Positive = Negative

$8 \times (-3) \times 2 = \square$

8 × (-3) × 2
-24 × 2
= -48

Positive × Negative = Negative
Negative× Positive = Negative

$9 \times (-4) \times 1 = \square$

9 × (-4) × 1
-36 × 1
= -36

Positive × Negative = Negative
Negative× Positive = Negative