MULTIPLYING INTEGERS

Worksheet #6

Name: _____ Class: _____

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

Example:

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

+	−	−
−	+	−
−	−	+

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

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

$5 \times 8 \times (-2) = \square$

$9 \times 3 \times (-3) = \square$

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

$10 \times 2 \times (-4) = \square$

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

$1 \times 8 \times (-3) = \square$

MULTIPLYING INTEGERS

Worksheet #6(Answers)

Name: _____ Class: _____

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

Example:

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

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

4× 4 x -2 — Positive × Positive = Positive

= 16 x -2 — Negative× Positive = Negative

= -32

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

3 x 5 × -3 — Positive × Positive = Positive

15× -3 — Negative× Positive = Negative

= -45

$5 \times 8 \times (-2) = \square$

5x 8 × -2 — Positive × Positive = Positive

40 × -2 — Negative× Positive = Negative

= -80

$9 \times 3 \times (-3) = \square$

9× 3 x -3 — Positive × Positive = Positive

27 × -3 — Negative× Positive = Negative

= -81

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

3x 2 × -2 — Positive × Positive = Positive

6× -2 — Negative× Positive = Negative

= -12

$10 \times 2 \times (-4) = \square$

10× 2 x -4 — Positive × Positive = Positive

20 × -4 — Negative× Positive = Negative

= -80

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

2× 3 × -6 — Positive × Positive = Positive

6 × -6 — Negative× Positive = Negative

= -36

$1 \times 8 \times (-3) = \square$

1× 8 x -3 — Positive × Positive = Positive

8 × -3 — Negative× Positive = Negative

= -24