

MULTIPLYING INTEGERS

Worksheet #7

Name: _____ Class: _____

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

Example:

$$(-3) \times (-2) \times 3 = 18$$

+	-	-
-	+	-
-	-	+

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

$$(-5) \times (-1) \times 2 = \square$$

$$(-3) \times (-4) \times 1 = \square$$

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

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

$$(-6) \times (-3) \times 5 = \square$$

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

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

MULTIPLYING INTEGERS

Worksheet #7(Answers)

Name: _____ Class: _____

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

Example:

$$(-3) \times (-2) \times 3 = 18$$

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

$$\begin{aligned} &-2 \times -3 \times 3 \\ &= 6 \times 3 \\ &= 18 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

$$(-5) \times (-1) \times 2 = \square$$

$$\begin{aligned} &-5 \times -1 \times 2 \\ &5 \times 2 \\ &= 10 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

$$(-3) \times (-4) \times 1 = \square$$

$$\begin{aligned} &-3 \times -4 \times 1 \\ &12 \times 1 \\ &= 12 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

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

$$\begin{aligned} &-7 \times -2 \times 2 \\ &14 \times 2 \\ &= 28 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

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

$$\begin{aligned} &-4 \times -5 \times 4 \\ &20 \times 4 \\ &= 80 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

$$(-6) \times (-3) \times 5 = \square$$

$$\begin{aligned} &-6 \times -3 \times 5 \\ &18 \times 5 \\ &= 90 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

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

$$\begin{aligned} &-9 \times -1 \times 4 \\ &9 \times 4 \\ &= 36 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive

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

$$\begin{aligned} &-8 \times -2 \times 2 \\ &16 \times 2 \\ &= 32 \end{aligned}$$

Negative \times Negative = Positive

Positive \times Positive = Positive