

# 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:**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Negative  $\times$  Negative = Positive  
 Positive  $\times$  Positive = Positive

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 Positive  $\times$  Positive = Positive

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 Positive  $\times$  Positive = Positive

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