

# ADDING INTEGERS

## Worksheet #10

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Learning Goal: Students will be able to add integers in the form  $-a + b + c$  using proper sign rules.

**Example:**

$$-5 + 6 + 1 = 2$$

$$-2 + 3 + 1 = \square$$

$$-7 + 3 + 2 = \square$$

$$-5 + 2 + 1 = \square$$

$$-7 + 2 + 9 = \square$$

$$-8 + 2 + 5 = \square$$

$$-12 + 3 + 2 = \square$$

$$-8 + 3 + 2 = \square$$

$$-9 + 2 + 4 = \square$$

# ADDING INTEGERS

## Worksheet #10 (Answers)

Name: \_\_\_\_\_

Class: \_\_\_\_\_

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

**Example:**

$$-5 + 6 + 1 = 2$$

$$-2 + 3 + 1 = \square$$

$$\begin{aligned} -2 + 3 + 1 & \quad \text{resolving signs} \\ = -2 + 4 & = 2 \end{aligned}$$

$$-7 + 3 + 2 = \square$$

$$\begin{aligned} -7 + 3 + 2 & \quad \text{resolving signs} \\ = -7 + 5 & = -2 \end{aligned}$$

$$-5 + 2 + 1 = \square$$

$$\begin{aligned} -5 + 2 + 1 & \quad \text{resolving signs} \\ = -5 + 3 & = -2 \end{aligned}$$

$$-7 + 2 + 9 = \square$$

$$\begin{aligned} -7 + 2 + 9 & \quad \text{resolving signs} \\ = -7 + 11 & = 4 \end{aligned}$$

$$-8 + 2 + 5 = \square$$

$$\begin{aligned} -8 + 2 + 5 & \quad \text{resolving signs} \\ = -8 + 7 & = -1 \end{aligned}$$

$$-12 + 3 + 2 = \square$$

$$\begin{aligned} -12 + 3 + 2 & \quad \text{resolving signs} \\ = -12 + 5 & = -7 \end{aligned}$$

$$-8 + 3 + 2 = \square$$

$$\begin{aligned} -8 + 3 + 2 & \quad \text{resolving signs} \\ = -8 + 5 & = -3 \end{aligned}$$

$$-9 + 2 + 4 = \square$$

$$\begin{aligned} -9 + 2 + 4 & \quad \text{resolving signs} \\ = -9 + 6 & = -3 \end{aligned}$$