

ADDING INTEGERS

Worksheet #7

Name: _____ Class: _____

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

Example:

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

$$5 + (-2) + (-2) = \square$$

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

$$9 + (-1) + (-6) = \square$$

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

$$4 + (-3) + (-6) = \square$$

$$12 + (-2) + (-6) = \square$$

$$15 - 5 - 1 = \square$$

$$17 - 7 - 3 = \square$$

ADDING INTEGERS

Worksheet #7 (Answers)

Name: _____ Class: _____

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

Example:

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

$$\begin{aligned} 5 + (-2) + (-2) &= \square \\ 5-2-2 &\text{ resolving signs} \\ &= 5-4 \\ &= 1 \end{aligned}$$

$$\begin{aligned} 9 + (-1) + (-4) &= \square \\ 9-1-4 & \\ &= 9-5 \text{ resolving signs} \\ &= 4 \end{aligned}$$

$$\begin{aligned} 9 + (-1) + (-6) &= \square \\ 9-1-6 & \\ &= 9-7 \text{ resolving signs} \\ &= 2 \end{aligned}$$

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

$$\begin{aligned} 4 + (-3) + (-6) &= \square \\ 4-3-6 & \\ &= 4-9 \text{ resolving signs} \\ &= -5 \end{aligned}$$

$$\begin{aligned} 12 + (-2) + (-6) &= \square \\ 12-2-6 & \\ &= 12-8 \text{ resolving signs} \\ &= 4 \end{aligned}$$

$$\begin{aligned} 15 - 5 - 1 &= \square \\ 15-5-1 & \\ &= 15-6 \text{ resolving signs} \\ &= 9 \end{aligned}$$

$$\begin{aligned} 17 - 7 - 3 &= \square \\ 17-7-3 & \\ &= 17-10 \text{ resolving signs} \\ &= 7 \end{aligned}$$