

Integers Study Guide

Name _____

Write the rule for adding integers with the same sign.

Combine - add the absolute values

Write the rule for adding integers with different signs.

Fight - Subtract absolute values

Write the rule for multiplying and dividing integers with the same sign.

$$\boxed{+} \cdot \boxed{+} = +$$

$$\boxed{-} \cdot \boxed{-} = +$$

\times and \div = Same

Write the rule for multiplying and dividing integers with different signs.

$$\boxed{+} \cdot \boxed{-} = -$$

\times and \div = Same

Determine the value of the following.

1.) $|14| = 14$

2.) $|5 - 6| = 1$

Replace each _____ with $<$ or $>$.

3.) $-11 < 4$

4.) $6 > -6$

Order the following from least to greatest.

5.) 2, 23, -2, -30, 0 -30, -2, 0, 2, 23

Complete the following problems.

6.) $-2 + 4 = 2$

7.) $-8 + (-2) = -10$

8.) $4 + 3 = 7$

9.) $-2 + (+4) = 2$

10.) $-8 + 2 = -6$

11.) $4 + (+3) = 7$

12.) $-2(-5) = 10$

13.) $4(-6) = -24$

14.) $5(3) = 15$

15.) $\frac{-14}{7} = -2$

16.) $\frac{21}{-3} = -7$

17.) $\frac{-20}{-4} = 5$