

Prealgebra ~ Lesson 10

Work the following examples as you listen to the recorded lecture.

Adding Integers

Sign Rules for Adding and Subtracting	
Like Signs (+,+ or -, -)	Unlike Signs (+,- or -,+)
1. Add the numbers	1. Subtract the numbers
2. Keep the sign	2. Keep the sign of the larger (absolute value)

Example 1:

$$7 + 5$$

Example 2:

$$-8 + (-2)$$

Example 3:

$$12 + (-7)$$

Example 4:

$$-13 + 13$$

Example 5: $-1 + 5 + (-8)$

Example 6: $18 + (-9) + 5 + (-2)$

Evaluate the following for $x = 2$ and $y = -3$:

Example 7: $3x + y$

Example 8: $3x - y$