

MAT0028 ~ Lesson 4

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

Adding Real Numbers

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: $9 + (-12)$

Example 2: $-6 + (-14)$

Example 3: $-5 + 9$

Example 4: $|-6| + 61$

Example 5: $-\frac{5}{9} + \frac{1}{3}$

Example 6: $-9 + 15 + (-5)$

Example 7: $|9 + (-12)| + |-16|$

Example 8: $-|-2|$

Example 9: $-(-3)$

Find the additive inverse or opposite:

Example 10: 4

Example 11: -2

Example 12: $|-6|$

Example 13: 0