Name: _____          Date: _____

Notes
Algebra Section 2.3
Pages 80-84

**Goal:** "Subtract positive and negative numbers"

**Subtraction:**

When subtracting with negative numbers add the opposite. (boop boop/leave change opposite)

Examples:

$-9 - 5 =$                    $-6 - (-4) =$          $-4 - (-9) =$          $2 - (-7) =$

Try These:

$-6 - 3 =$                    $-9 - (-2) =$          $12 - (-4) =$          $-3 - (-4) =$

$-14 - 18 =$                  $-20 - (-24) =$        $15 - (-19) =$         $23 - (-18) =$

$-24 - (-34) =$              $274 - (-452) =$       $-345 - (-342) =$      $-254 - 120 =$

Evaluate when $x = -5$ and $y = 6$

a) $x - y$                   b) $y - x$             c) $y - x - 6$         d) $x - y + 3$

e) $(x - 4) + y$             f) $x + (y - 7)$       g) $3(y - x)$          h) $11 + x + y$

Word Problems:

**Ex:** One of the most extreme temperature changes in United States History occurred in Fairfield, Montana on December 24, 1924. At noon, the temperature was 63°F. By midnight, the temperature fell to –21°F. What was the change in temperature?