

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/same change change)

Ex: $-12 - 19 = -12 + (-19)$

Ex: $5 - (-9) = 5 + 9$

Try These:

Ex: $-12 - 19$

Ex: $18 - (-7)$

Ex: $11.7 - (-5)$

Ex: $\frac{1}{3} - \frac{1}{2}$

Ex: $-9 - (-12)$

Evaluate when $x = -2$, and $y = 7.2$ (when inputting a value put it in parentheses)

1) $y - x = \underline{\quad} - (\underline{\quad})$

2) $x - y =$

Evaluate when $x = -3$, and $y = 5.2$

Ex: $x - y + 8$

Ex: $y - (x - 2)$

Ex: $(y - 4) - x$

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?