Algebra I

2-2

Rules for Addition

Mr. Holm's Rules for Addition™

1) When adding two negatives: ⟶ (-7) + (-5)

a) ignore the negatives ⟶ 7, 5

b) add these ⟶ 7+5= 12

c) answer is always negative → -12

2) When adding one positive and one negative: ⟶ (-7) + 5

a) ignore the negatives → 7, 5

b) Using these, subtract the smaller from the larger → 7-5 = 2

c) answer will be the same as the original sign of the larger in part a → -2

Simplify. (pg 52)

1) (-4 + 8) + 7

4 + 7

11

11) -26 + [-2 + (-8)]

-26 + (-10)

-36

Try on your own!

19) -4 + (-10) + 9 + (-6)

-14 + 9 + (-6)

-20 + 9

-11

-29

-11

29

31) 3a + (-7) + 4b + (-6)

3a + 4b + (-13)

or

3a + 4b - 13

Since none of these are like terms, we cannot combine any of them using addition.

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1-34 all

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