

Combining More Than Two Integers

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Steps for combining more than two integers...

- 1) Re-write double signs (if needed)
- 2) Circle and then combine all the positive numbers (by Adding).
- 3) Combine all of the negative numbers (by Adding)
- 4) Combine the positive total with the negative total (by Subtracting)

$$-2 - 10 = \text{Adding} \quad \text{Subtracting}$$

$$-12$$

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Example

$$3 + 8 + (-9) =$$

$$3 + 8 - 9$$

$$11 - 9 = 2$$

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Example:

$$4 + (-10) - (-15)$$

$$4 - 10 + 15$$

$$-6 + 15 = 9$$

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Example

$$12 - (-2) - 5 + (-7) + 9 - 21$$

$$12 + 2 - 5 - 7 + 9 - 21$$

$$14 - 5 - 7 + 9 - 21$$

$$9 - 7 + 9 - 21$$

$$2 + 9 - 21$$

$$11 - 21 = -10$$

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Additional Practice

- 1) $-7 + 9 - 3$
 $\checkmark -7 + 9 = 2$
 $-10 + 9 = -1$
- 2) $6 - (-5) - 11 - 4$
 $6 + 5$
 $\checkmark 11 - 11 = 0$
 -4
- 3) $3 - 5 + (-4) - 30 - (-51)$
 $3 - 5 - 4 - 30 + 51$
 $-2 - 4 - 30 + 51$
 $-6 - 30 + 51$
 $-36 + 51$
 $15 \checkmark$

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