Last Integer Standing

All of the integers from $-10$ to $+10$ will be used for this activity. Each question will help you solve the next question. Each integer will be used only once. When an integer is used, cross it out.

$$-10 \quad -9 \quad -8 \quad -7 \quad -6 \quad -5 \quad -4 \quad -3 \quad -2 \quad -1 \quad 0 \quad +1 \quad +2 \quad +3 \quad +4 \quad +5 \quad +6 \quad +7 \quad +8 \quad +9 \quad +10$$

1. Write a subtraction sentence with a difference of 20.

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2. Write a subtraction sentence to find the least sum that is still possible.

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3. Use the two remaining opposite integers with the greatest absolute value to write an addition sentence with a sum of 0.

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4. Write an addition sentence using the three largest remaining integers.

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5. What is the greatest difference you can write using the integers that still remain?

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6. What is the least difference you can write using the integers that still remain?

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7. Write an addition sentence using three remaining integers to get a sum of $-9$.

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8. Write an addition sentence using four remaining integers to get a sum of 2.

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9. The last integer standing is ____________________________.