

C3 LESSON: NEGATIVE NUMBERS + ≈ -

For every positive number N there is a corresponding N negative number -N, and vice versa.

$$N + (-N) = 0 \quad 7 + (-7) = 0$$

$$-(-N) = N \quad -(-6) = 6$$

You may create -N from N with the + ↔ - Key located just left of the = Key

$$N \text{ + ↔ - yields } -N \quad 17 \text{ + ↔ - yields } -17$$

$$-17 \text{ + ↔ - yields } 17$$

Subtraction is the same as adding a negative number.

$$N - M = N + (-M) \quad 8 - 3 = 8 + (-3) = 5$$

$$\begin{aligned} -5 - 6 &= -5 + (-6) = 5 \text{ + ↔ - } + 6 \text{ + ↔ - } = -11 \\ &\quad -5 \quad + \quad -6 \quad = -11 \end{aligned}$$

Play with this until you are comfortable with it. It's really easy once you catch on to it. Homework will really help here.

C3 Exercise

NEGATIVE NUMBERS Answers: []'s

1. Where is the Key that creates the negative of any number in the calculator's display? [Bottom, Left of =]
2. Create -7 in your calculator [7 +=-]
3. $8 + (-8) = ?$ [0]
4. $9 + (-4) = ?$ [5]
5. $-(-5) = ?$ [5]
6. $-7 + (-8) = ?$ [-15]
7. $18 - 11 = ?$ [7]
8. $18 + (-11) = ?$ [7]
9. $327 - 568 = ?$ [-241]
10. $-13.7 + 8.5 = ?$ [-5.2]
11. $-(-(-7)) = ?$ [-7]
12. $-3 + (-4) + (-5) = ?$ [-12]

C3 Exercise Supplement

NEGATIVE NUMBERS

Answers: []'s

1. $-(-(-6)) = ?$ [-6]
2. Create -27 in your calculator [27+=-]
3. $18 + (-18) = ?$ [0]
4. $19 + (-8) = ?$ [11]
5. $-(-8) = ?$ [8]
6. $-9 + (-4) = ?$ [-13]
7. $18 - 61 = ?$ [-43]
8. $18 + (-61) = ?$ [-43]
9. $3827 - 968 = ?$ [2859]
10. $-18.7 + 7.5 = ?$ [-11.2]
11. $-(-(-2.7)) = ?$ [-2.7]
12. $-7 + (-4) + (-2) = ?$ [-13]