Adding/subtracting decimal numbers is very similar to adding/subtracting whole numbers. Line up the numbers so that the place values match, and place the decimal point so that it lines up with the points in the numbers. It may be necessary to write “0’s” to hold place values in order for the numbers to line up.

*Example 1:* Add or subtract the following.

a) $2.5 + 4.1$ 

b) $32.4 + 1.58 + 0.0934$

c) $-18.2 + (-10.8)$ 

d) $28 - 3.3$

e) $40.3-700$

f) $-36.2 - 10.02$
Example 2: Evaluate the expression if \( x = 2.4 \) and \( y = 0.12 \).

a) \( x + y \)

b) \( x - y \)

Example 3: Is 3.7 a solution to \( x + 5.9 = 8.6 \)?

Example 4: Simplify: \( 14.2z + 11.9 - 9.6z - 15.2 \)

Example 5: Britt bought a car part for $18.26. If she paid with two $10 bills, what was her change?