Adding and Subtracting Decimals

Here are the basic steps for adding and subtracting decimals.

1) Always line up the decimal!

2) Fill in zeroes as placeholders at the end, especially if subtracting.

3) Add or Subtract

4) Bring the decimal down.

5) Check your work! Check whether your answer is reasonable by estimating.

Example:

1) 2.6 + 3.45 =   2) 2.37 – 1.256 =

You Try:

1) 16.75 + 5.091 =   **2)** 312.55 – 16.2 =   **3)** 29.1 – 0.68 =

4) Savannah spent $11.50 at the movies, and Quianna spent $12.75. If they paid together, using a $50 bill, how much change did they receive?

Multiplying Decimals

Here are the basic steps for multiplying decimals.

1) Multiply. (You do NOT need to line up the Decimal!)

2) Count the number of places behind the decimal in your problem. Your product must have the same number of places behind the decimal.

Example:

1) 3.67 x 2.3 =   **2)** 9 • 0.54 =

You Try:

1) 8.41 x 0.5 =   **2)** 2.13 (3.5) =   **3)** 0.7 • 0.8 =

4) Hunter is building a ramp for his Tech Decks. The base will be a piece of wood that is 2.75 feet long and 2 feet wide. What is the area of the base? (Area of a rectangle = length x width.)