Adding, Subtracting, Multiplying and Dividing Decimals

Addition

Find the sum:

2.45 + 12.763

Steps to Add

- 1. Write down numbers, one under the other so the <u>Decimal Points</u> <u>Line Up</u>
- 2. Put in zeros so the numbers have the same length.
- 3. Drop the Decimal Point straight down into the answer and Add.

Subtraction

Find the difference:

1.35 - 0.728

Steps to Subtract

- 1. Write down numbers, one under the other so the <u>Decimal Points Line Up</u>
- 2. Put in zeros so the numbers have the same length.
- 3. Drop the Decimal Point straight down into the answer and Subtract.

<u>Multiplication</u>

Find the Product:

3.1 • 2.5

Steps to Multiply

- 1. <u>Ignore the Decimal Point</u>. Multiply Normally
- 2. Count how many decimal places the two original numbers have combined.
- 3. Starting at the right of your answer, move that many decimal places to the left and place the decimal point

Division

Find the Quotient:

 $7.28 \div 1.3$

Steps to Divide

$$1. a \div b = b) \overline{a} = \frac{a}{b}$$

- 2. Move the decimal point to the right to make the divisor (b) a whole number. Move the decimal the same amount of spaces to the right in the dividend (a).
- 3. Put the Decimal Point in the answer directly above the dividend (a)
- 4. Divide Normally using Long Division

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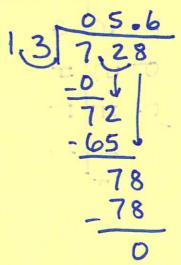
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