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## Dividing Decimals by Decimals



Terms: Dividend-A number being divided by another number Divisor - A number that another number is being divided by Quotient - The result of dividing one number by another number


Objective: I will accurately divide a decimal number by a decimal number.

Explanation/Rationale: Michelle purchases several bottles of water. Before tax is added, the total cost is $\$ 3.60$ and the cost of each bottle is $\$ 1.20$. How many bottles did she buy?


## Steps:

1. Move the decimal point in the divisor to the right to create a whole number.
2. Count the number of places you moved the decimal point.
3. Move the decimal point in the dividend to the right the same number of places $1.20 \sqrt{360}$ as in the divisor ( your answer in \#2).
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4. Divide the numbers - annex zeros if necessary.

5. Place a decimal point in the quotient directly above the newly moved decimal point in the dividend.


Notes and Handouts
Unit 1 Whole and Decimal Number Operations

Name: $\qquad$ Math6

Period: $\qquad$


Examples:

1) $0.432 \div 0.18$
2) $4669 \div 14.5$


## YOU GOT THIS:

1) $5.18 \div 0.7$
2) $6.89 \div 1.3$
3) $46.2 \div 16.5$
