

Dividing Decimals

Helpful Hints:

*If the divisor is not a whole number, move the decimal point to the _____ to make it a whole number.

*Move the decimal point in the dividend the same number of places.

*Put the decimal point directly _____ the decimal point in the dividend.

*Divide as usual. Keep dividing until the quotient _____ or _____.

Find the quotient.

Ex.1 $16.9 \div 6.5$

Ex.2 $5.7 \div 0.3$

DON'T FORGET.....

*A _____ divided by a _____ = a positive!

*A _____ divided by a _____ = a negative!

Find the quotient.

Ex.1 $-8.7 \div 1.5$

Ex.2 $-4.784 \div 1.5$

Apply What You Know.....

1.) John's car gets 32 miles to the gallon. After a trip to his new house, he had driven 531.2 miles. How many gallons of gas did he use?

Ex.3 $-2.589 \div -0.8$

2.) In order to mow the lawn, we need to buy some gasoline for our lawnmower. If we bought 3.5 gallons of gas and paid \$4.55, how much did the gas cost per gallon?