

Name: _____

Division with Decimals

When dividing a number by a divisor with a decimal, follow these steps:

$$0.8 \overline{)2.4}$$

$$0.6 \overline{)2.82}$$

$$0.12 \overline{)0.816}$$

1. Make the divisor a whole number by moving the decimal point to the right until there are no decimal places left.

$$0.8 \overline{)2.4}$$

$$0.6 \overline{)2.82}$$

$$0.12 \overline{)0.816}$$

2. In the dividend, move the decimal point to the right the same number of places that you moved the decimal point in the divisor.

$$8 \overline{)24.}$$

$$6 \overline{)28.2}$$

$$12 \overline{)0.816}$$

3. Divide normally placing the decimal point in the quotient directly above the new placement of the decimal point in the dividend.



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c. $0.9 \overline{)3.96}$

d. $7 \overline{)38.5}$

Name: _____

Division with Decimals

Find the quotients.

e. $0.08 \overline{)0.992}$

f. $0.6 \overline{)1.02}$



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2 $\overline{)12.4}$

0.04 $\overline{)2.276}$

★ $0.012 \overline{)24}$

★ $1.1 \overline{)2.365}$

ANSWER KEY

Division with Decimals

When dividing a number by a divisor with a decimal, follow these steps:

$$0.8 \overline{)2.4}$$

$$0.6 \overline{)2.82}$$

$$0.12 \overline{)0.816}$$

1. Make the divisor a whole number by moving the decimal point to the right until there are no decimal places left.

$$8 \overline{)24}$$

$$6 \overline{)282}$$

$$12 \overline{)816}$$

2. In the dividend, move the decimal point to the right the same number of places that you moved the decimal point in the divisor.

$$8 \overline{)24}$$

$$6 \overline{)282}$$

$$12 \overline{)816}$$



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ANSWER KEY

Division with Decimals

Find the quotients.



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0.012 | 24

1.1 | 2.365