

Name: _____

Division with Decimals

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

$$5.3 \overline{)2.332}$$

$$7.63 \overline{)206.01}$$

$$1.38 \overline{)2346}$$

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

$$53 \overline{)2.332}$$

$$763 \overline{)206.01}$$

$$138 \overline{)2346}$$

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.

$$53 \overline{)23.32}$$

$$763 \overline{)2060.1}$$

$$138 \overline{)234600}$$

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. $1.53 \overline{)50.49}$

d. $0.27 \overline{)16.605}$

Name: _____

Division with Decimals

Find the quotients.

e. $4.43 \overline{)13.888}$

f. $21.2 \overline{)636}$



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g. $7.65 \overline{)3,060}$

h. $16.8 \overline{)5.376}$

★ $1.482 \overline{)3.1122}$

★ $42.69 \overline{)7,684.2}$

ANSWER KEY

Division with Decimals

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

$$5.3 \overline{) 2.332}$$

$$7.63 \overline{) 206.01}$$

$$1.38 \overline{) 2346}$$

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

$$53 \overline{) 2332}$$

$$763 \overline{) 20601}$$

$$138 \overline{) 2346}$$

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.

$$53 \overline{) 2332}$$

$$763 \overline{) 20601}$$

$$138 \overline{) 2346}$$



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ANSWER KEY

Division with Decimals

Find the quotients.



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1.482 | 3.1122

42.67 | 1,684.2