Name: _____

Dividing Decimals by Decimals Long Division

Move the decimal point in the divisor and dividend, then divide.

Learn: Move the decimal point in the divisor to the right until it is a whole number. Move the dividend's decimal point the same number of places. Then divide.

Example:

$$0.4\overline{)6.8} = 17$$

1. $0.2\overline{)8}$

2. $1.5\overline{)82.5}$

3. $2.5\overline{)87.5}$

4. $0.5\overline{)18.5}$

5. $0.4\overline{)22.8}$

6. $0.4\overline{)10.8}$

7. $0.8\overline{)28.8}$

8. $2.5\overline{)27.5}$

9. $1.2\overline{)50.4}$

Name: **ANSWER KEY**

Dividing Decimals by Decimals Long Division

Move the decimal point in the divisor and dividend, then divide.

Learn: Move the decimal point in the divisor to the right until it is a whole number. Move the dividend's decimal point the same number of places. Then divide.

Example:

$$0.4\overline{)6.8} = 17$$

1. $0.2\overline{)8} = 40$

2. $1.5\overline{)82.5} = 55$

3. $2.5\overline{)87.5} = 35$

4. $0.5\overline{)18.5} = 37$

5. $0.4\overline{)22.8} = 57$

6. $0.4\overline{)10.8} = 27$

7. $0.8\overline{)28.8} = 36$

8. $2.5\overline{)27.5} = 11$

9. $1.2\overline{)50.4} = 42$