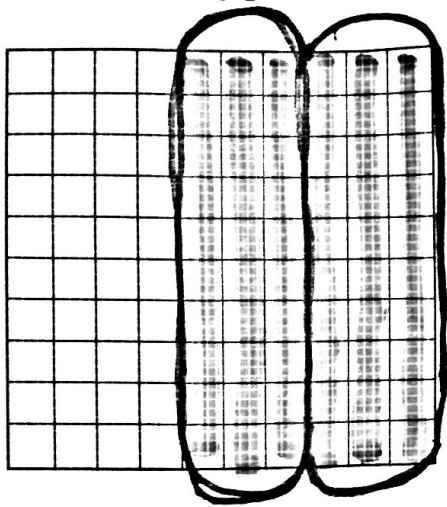


Dividing Decimals

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Division Model

$$\begin{array}{l} .6 \div .3 = 2 \\ \text{dividend} \quad \text{divisor} \end{array}$$

$$.3 \overline{) .6}$$

Algorithm:

$$.6 \div .3$$

- ① Get rid of the decimal in the divisor by moving it to the right (or multiplying it by a base 10).

$$3 \overline{) .6}$$

- ② Move the decimal in the dividend the same number of times.

$$3 \overline{) .6} \rightarrow 3 \overline{) 6}$$

- ③ Move the decimal up

$$3 \overline{) 6}$$

- ④ Divide

$$3 \overline{) 6} \rightarrow 3 \overline{) 6.0} = 2.0$$