

QUICK TIP!

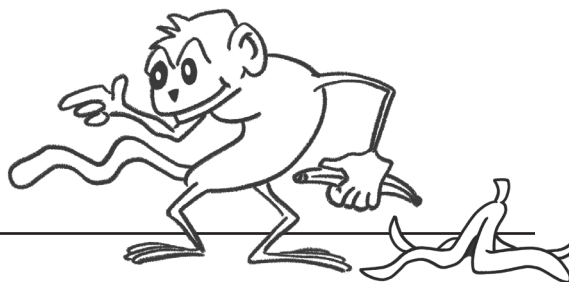
Hey Kids! Time for a super fun math lesson, courtesy of Math Madness!

DIVIDING DECIMALS

If the divisor is a decimal, shift the decimal of both the divisor and the dividend to the right until the divisor is a whole number. Add zeros to the dividend if necessary.

What we are doing here is multiplying the dividend and the divisor by the same number. As with equivalent fractions, this changes the equation but doesn't change the result. Ex:

$$.2 \overline{)1.24} \rightarrow 2 \overline{)12.4} \rightarrow \begin{array}{r} 6.2 \\ 2 \overline{)12.4} \\ \underline{-12} \\ 04 \\ \underline{-4} \\ 0 \end{array}$$



TRY IT!

$$6 \overline{)3.6}$$

$$3 \overline{)23.7}$$

$$.7 \overline{)434}$$

$$.15 \overline{).615}$$

$$.4 \overline{)26.4}$$

$$12 \overline{)7.56}$$

$$.2 \overline{)1.64}$$

$$.08 \overline{).008}$$

$$20 \overline{)4.40}$$

$$.02 \overline{)5}$$

$$.3 \overline{)99}$$

$$5.5 \overline{)38.5}$$

