QUICK TIP!

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

DIVIDING WHOLE NUMBERS

- Work your way across the dividend from left-to-right.
- For each digit, write the number above the digit that, when multiplied by the divisor, will be the closest to the value you are currently working with without going over.
- Write the result of the multiplication below the digit and subtract from the current value.
- Drop the next digit down and repeat
- If you reach the end of the dividend and can't divide what's left over any further, any "leftovers" can be written as a remainder.

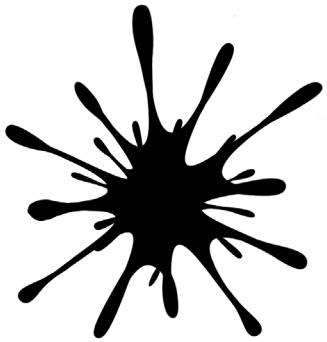
$5\overline{)261}$ → $\begin{array}{r}0\\5\overline{)261}\\-0\\\hline 2\end{array}$ → $\begin{array}{r}05\\5\overline{)261}\\-0\\\hline 26\\-25\\\hline 1\end{array}$ → $\begin{array}{r}052\\5\overline{)261}\\-0\\\hline 26\\-25\\\hline 11\\-10\\\hline 1\end{array}$ → $\begin{array}{r}052r1\\5\overline{)261}\\-0\\\hline 26\\-25\\\hline 11\\-10\\\hline 1\end{array}$

Dividend

Divisor

TRY IT!

$3\overline{)624}$ $5\overline{)102}$ $8\overline{)428}$ $6\overline{)203}$ $4\overline{)128}$



$9\overline{)108}$ $2\overline{)331}$ $4\overline{)812}$ $7\overline{)414}$