QUICK TIP!

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

— MULTIPLICATION BY POWERS OF TEN —

When you multiply or divide a number by a power of 10, you can quickly get to an answer by simply shifting the decimal point.

- For multiplication, move it one digit to the right for each power of 10.
- For division, move it to the left for each power of 10. Add zeros when you go past the existing digits.
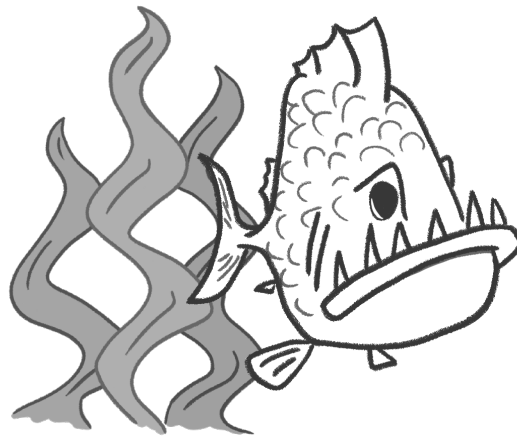
$55 \times 100 = 5500$
$5.5 \times 100 = 550$
$.055 \times 100 = 5.5$

$22 \div 100 = .22$
$2.2 \div 100 = .022$
$.022 \div 100 = .00022$

— TRY IT: MULTIPLICATION! —

$5 \times 1000 =$	$3.4 \times 10 =$	$.003 \times 100 =$
$1.234 \times 100 =$	$.014 \times 10 =$	$23.27 \times 100 =$
$1.63 \times 1000 =$	$89 \times 1000 =$	$4.073 \times 10 =$

— TRY IT: DIVISION! —

$3 \div 100 =$	$10 \div 10 =$	$125 \div 1000 =$
$6.2 \div 10 =$	$4.073 \times 10 =$	$77 \div 1000 =$
$2.08 \div 100 =$	$99 \div 100 =$	$.58 \div 10 =$

MATH MADNESS!

Grade **5**