MathFLIX CHALLENGE

Dividing Fractions Illustrated

Complete the table below by studying the pattern in the first example.

Problem	Visual representation as a line	Visual representation as a circle	Decimal	Complex Fraction	Multiply by reciprocal
$2 \div \frac{1}{2}$.5 2.0	$\frac{2}{\frac{1}{2}} = 4$	$2 \ge \frac{2}{1} = 4$
$1\frac{1}{2} \div \frac{1}{2}$	LI		.5 1.5 =	$\frac{\frac{1\frac{1}{2}}{\frac{1}{2}}}{\frac{1}{2}} =$	$1\frac{1}{2} \times \frac{2}{1} =$
$1 \div \frac{1}{2}$.5 1.0 =	$\frac{1}{\frac{1}{2}} =$	$1 \ge \frac{2}{1} =$
$\frac{1}{2} \div \frac{1}{2}$.5 .5 =	$\frac{\frac{1}{2}}{\frac{1}{2}} =$	$\frac{1}{2} \times \frac{2}{1} =$
$\frac{1}{4} \div \frac{1}{2}$.5 .25 =	$\frac{\frac{1}{4}}{\frac{1}{2}} =$	$\frac{1}{4} \times \frac{2}{1} =$
$\frac{1}{8} \div \frac{1}{2}$		\bigtriangleup	.5 .125 =	$\frac{\frac{1}{8}}{\frac{1}{2}} =$	$\frac{1}{8} \times \frac{2}{1} =$

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