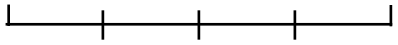
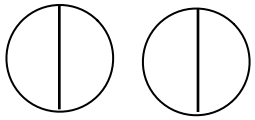
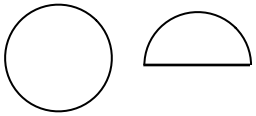
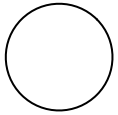
MathFLIX CHALLENGE

Dividing Fractions

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
$2 \div \frac{1}{2}$			$.5\overline{)2.0}$ 4	$\frac{2}{\frac{1}{2}} = 4$	$2 \times \frac{2}{1} = 4$
$1\frac{1}{2} \div \frac{1}{2}$			$.5\overline{)1.5}$ =	$\frac{1\frac{1}{2}}{\frac{1}{2}} =$	$1\frac{1}{2} \times \frac{2}{1} =$
$1 \div \frac{1}{2}$			$.5\overline{)1.0}$ =	$\frac{1}{\frac{1}{2}} =$	$1 \times \frac{2}{1} =$
$\frac{1}{2} \div \frac{1}{2}$			$.5\overline{).5}$ =	$\frac{\frac{1}{2}}{\frac{1}{2}} =$	$\frac{1}{2} \times \frac{2}{1} =$
$\frac{1}{4} \div \frac{1}{2}$			$.5\overline{).25}$ =	$\frac{\frac{1}{4}}{\frac{1}{2}} =$	$\frac{1}{4} \times \frac{2}{1} =$
$\frac{1}{8} \div \frac{1}{2}$			$.5\overline{).125}$ =	$\frac{\frac{1}{8}}{\frac{1}{2}} =$	$\frac{1}{8} \times \frac{2}{1} =$