

# MathFLIX CHALLENGE

## Changing Fractions to Decimals

### Terminating Decimals

<u>Fraction</u>	<u>Division</u>	<u>Decimal</u>
$\frac{1}{2}$	$\begin{array}{r} .5 \\ 2 \overline{)1.0} \\ \underline{10} \\ 0 \end{array}$	.5

$\frac{1}{4}$	$4 \overline{)1.00}$	
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$\frac{3}{4}$		
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$\frac{4}{5}$		
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$\frac{7}{10}$		
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$\frac{1}{8}$		
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### Repeating Decimals

<u>Fraction</u>	<u>Division</u>	<u>Decimal</u>
$\frac{1}{3}$	$\begin{array}{r} .33 \\ 3 \overline{)1.00} \\ \underline{9} \\ 10 \\ \underline{9} \\ 1 \end{array}$	$\overline{.3}$

$\frac{2}{3}$		
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$\frac{2}{3}$		
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$\frac{1}{6}$		
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$\frac{2}{9}$		
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$\frac{7}{11}$		
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