Name

Repeating Decimals to Fractions - 0 Non-Repeating, 2 Repeating - Setup Equation

1

Set up the two equations that will help you change this repeating decimal into a fraction

$z = 0.\overline{25}$

A	B
$100z = 25.\overline{25}$	$1000z = 25.\overline{25}$
$1z = 0.\overline{25}$	$1z = 0.\overline{25}$

2

Set up the two equations that will help you change this repeating decimal into a fraction

$x = 0.\overline{39}$

A	B
$1000x = 39.\overline{39}$	$100x = 39.\overline{39}$
$1x = 0.\overline{39}$	$1x = 0.\overline{39}$

3

Set up the two equations that will help you change this repeating decimal into a fraction

$y = 0.\overline{71}$

A	B
$100y = 71.\overline{71}$	$100y = 71.\overline{71}$
$10y = 0.\overline{71}$	$1y = 0.\overline{71}$

4

Set up the two equations that will help you change this repeating decimal into a fraction

$y = 0.\overline{28}$

A	B
$100y = 28.\overline{28}$	$100y = 28.\overline{28}$
$10y = 0.\overline{28}$	$1y = 0.\overline{28}$

5

Set up the two equations that will help you change this repeating decimal into a fraction

$q = 0.\overline{38}$

A	B
$10q = 38.\overline{38}$	$100q = 38.\overline{38}$
$1q = 0.\overline{38}$	$1q = 0.\overline{38}$

6

Set up the two equations that will help you change this repeating decimal into a fraction

$w = 0.\overline{89}$

A	B
$100w = 89.\overline{89}$	$10w = 89.\overline{89}$
$1w = 0.\overline{89}$	$1w = 0.\overline{89}$

7

Set up the two equations that will help you change this repeating decimal into a fraction

$t = 0.\overline{83}$

A	B
$100t = 83.\overline{83}$	$10t = 83.\overline{83}$
$1t = 0.\overline{83}$	$1t = 0.\overline{83}$

8

Set up the two equations that will help you change this repeating decimal into a fraction

$y = 0.\overline{19}$

A	B
$100y = 19.\overline{19}$	$100y = 19.\overline{19}$
$1y = 0.\overline{19}$	$10y = 0.\overline{19}$