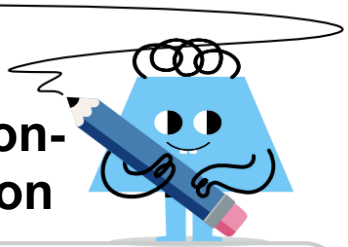
Name

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



1

$w = 6.\overline{13}$

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

A	B
$100w = 613.\overline{13}$ $1w = 6.\overline{13}$	$100w = 613.\overline{13}$ $1w = 60.\overline{13}$

2

$x = 6.\overline{21}$

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

A	B
$10x = 621.\overline{21}$ $1x = 6.\overline{21}$	$100x = 621.\overline{21}$ $1x = 6.\overline{21}$

3

$r = 2.\overline{54}$

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

A	B
$100r = 254.\overline{54}$ $10r = 2.\overline{54}$	$100r = 254.\overline{54}$ $1r = 2.\overline{54}$

4

$q = 3.\overline{63}$

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

A	B
$100q = 363.\overline{63}$ $1q = 3.\overline{63}$	$100q = 3063.\overline{63}$ $1q = 3.\overline{63}$

5

$p = 5.\overline{34}$

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

A	B
$100p = 534.\overline{34}$ $1p = 50.\overline{34}$	$100p = 534.\overline{34}$ $1p = 5.\overline{34}$

6

$n = 1.\overline{31}$

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

A	B
$100n = 131.\overline{31}$ $1n = 1.\overline{31}$	$10n = 131.\overline{31}$ $1n = 1.\overline{31}$

7

$q = 9.\overline{37}$

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

A	B
$100q = 937.\overline{37}$ $1q = 9.\overline{37}$	$100q = 127.\overline{37}$ $1q = 9.\overline{37}$

8

$p = 6.\overline{16}$

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

A	B
$100p = 616.\overline{16}$ $1p = 0.\overline{16}$	$100p = 616.\overline{16}$ $1p = 6.\overline{16}$