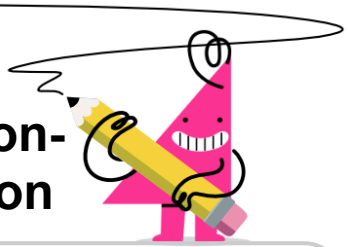
Name

Repeating Decimals to Fractions - 1 Non-Repeating, 2 Repeating - Setup Equation



1

$w = 0.1\overline{41}$

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

A $10000w = 141.\overline{41}$, $10w = 1.\overline{41}$

B $1000w = 141.\overline{41}$, $10w = 1.\overline{41}$

2

$r = 0.8\overline{61}$

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

A $1000r = 861.\overline{61}$, $10r = 8.\overline{61}$

B $1000r = 141.\overline{61}$, $10r = 8.\overline{61}$

3

$x = 0.8\overline{94}$

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

A $1000x = 8094.\overline{94}$, $10x = 8.\overline{94}$

B $1000x = 894.\overline{94}$, $10x = 8.\overline{94}$

4

$y = 0.9\overline{62}$

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

A $1000y = 9062.\overline{62}$, $10y = 9.\overline{62}$

B $1000y = 962.\overline{62}$, $10y = 9.\overline{62}$

5

$n = 0.1\overline{39}$

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

A $1000n = 139.\overline{39}$, $10n = 1.\overline{39}$

B $100n = 139.\overline{39}$, $10n = 1.\overline{39}$

6

$y = 0.4\overline{64}$

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

A $10000y = 464.\overline{64}$, $10y = 4.\overline{64}$

B $1000y = 464.\overline{64}$, $10y = 4.\overline{64}$

7

$p = 0.7\overline{78}$

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

A $1000p = 778.\overline{78}$, $10p = 0.\overline{78}$

B $1000p = 778.\overline{78}$, $10p = 7.\overline{78}$

8

$w = 0.3\overline{37}$

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

A $1000w = 337.\overline{37}$, $10w = 3.\overline{37}$

B $1000w = 67.\overline{37}$, $10w = 3.\overline{37}$