



Repeating Decimals to Fractions - 1 Non-Repeating, 1 Repeating - Fraction

(Simplified)

1 Turn this repeating decimal into a fraction (simplify your answer)

$$x = 2.5\overline{7}$$

A	B	C	D
$x = \frac{232}{89}$	$x = \frac{29}{10}$	$x = \frac{45}{116}$	$x = \frac{116}{45}$

2 Turn this repeating decimal into a fraction (simplify your answer)

$$r = 7.5\overline{2}$$

A	B	C	D
$r = \frac{677}{80}$	$r = \frac{338}{45}$	$r = \frac{677}{90}$	$r = \frac{90}{677}$

3 Turn this repeating decimal into a fraction (simplify your answer)

$$y = 3.8\overline{1}$$

A	B	C	D
$y = \frac{343}{100}$	$y = \frac{172}{45}$	$y = \frac{343}{80}$	$y = \frac{343}{90}$

4 Turn this repeating decimal into a fraction (simplify your answer)

$$w = 7.2\overline{1}$$

A	B	C	D
$w = \frac{649}{90}$	$w = \frac{64}{9}$	$w = \frac{36}{5}$	$w = \frac{649}{80}$

5 Turn this repeating decimal into a fraction (simplify your answer)

$$t = 4.6\overline{8}$$

A	B	C	D
$t = \frac{211}{50}$	$t = \frac{45}{211}$	$t = \frac{211}{45}$	$t = \frac{422}{91}$

6 Turn this repeating decimal into a fraction (simplify your answer)

$$z = 6.3\overline{7}$$

A	B	C	D
$z = \frac{45}{287}$	$z = \frac{82}{13}$	$z = \frac{287}{45}$	$z = \frac{287}{50}$

7 Turn this repeating decimal into a fraction (simplify your answer)

$$z = 4.6\overline{1}$$

A	B	C	D
$z = \frac{203}{45}$	$z = \frac{83}{18}$	$z = \frac{208}{45}$	$z = \frac{18}{83}$

8 Turn this repeating decimal into a fraction (simplify your answer)

$$q = 2.8\overline{6}$$

A	B	C	D
$q = \frac{15}{43}$	$q = \frac{43}{15}$	$q = \frac{257}{90}$	$q = \frac{259}{90}$