



## Repeating Decimals to Fractions - 1 Non-Repeating, 2 Repeating - Fraction

(Simplified)

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

$$x = 1.8\overline{73}$$

A	B	C	D
$x = \frac{371}{198}$	$x = \frac{103}{55}$	$x = \frac{53}{28}$	$x = \frac{198}{371}$

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

$$t = 3.9\overline{53}$$

A	B	C	D
$t = \frac{495}{1,957}$	$t = \frac{1,957}{495}$	$t = \frac{1,957}{500}$	$t = \frac{3,914}{989}$

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

$$q = 8.8\overline{14}$$

A	B	C	D
$q = \frac{495}{4,363}$	$q = \frac{2,909}{330}$	$q = \frac{4,363}{495}$	$q = \frac{1,747}{198}$

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

$$p = 5.2\overline{59}$$

A	B	C	D
$p = \frac{5,207}{1,000}$	$p = \frac{5,207}{990}$	$p = \frac{5,207}{991}$	$p = \frac{990}{5,207}$

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

$$x = 5.3\overline{64}$$

A	B	C	D
$x = \frac{5,311}{990}$	$x = \frac{990}{5,311}$	$x = \frac{5,311}{980}$	$x = \frac{59}{11}$

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

$$m = 4.7\overline{49}$$

A	B	C	D
$m = \frac{2,351}{495}$	$m = \frac{1,567}{330}$	$m = \frac{495}{2,351}$	$m = \frac{2,351}{500}$

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

$$p = 4.3\overline{65}$$

A	B	C	D
$p = \frac{4,322}{989}$	$p = \frac{2,161}{500}$	$p = \frac{495}{2,161}$	$p = \frac{2,161}{495}$

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

$$x = 5.2\overline{85}$$

A	B	C	D
$x = \frac{5,233}{990}$	$x = \frac{872}{165}$	$x = \frac{5,233}{991}$	$x = \frac{990}{5,233}$