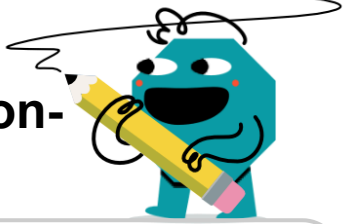
Name



Repeating Decimals to Fractions - 1 Non-Repeating, 2 Repeating - Fraction (Simplified)

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

$$y = 0.8\overline{50}$$

A $y = \frac{421}{500}$ B $y = \frac{842}{989}$ C $y = \frac{851}{990}$ D $y = \frac{421}{495}$

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

$$q = 0.5\overline{37}$$

A $q = \frac{495}{266}$ B $q = \frac{266}{495}$ C $q = \frac{532}{991}$ D $q = \frac{19}{35}$

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

$$x = 0.3\overline{57}$$

A $x = \frac{59}{165}$ B $x = \frac{165}{59}$ C $x = \frac{23}{66}$ D $x = \frac{354}{989}$

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

$$t = 0.5\overline{15}$$

A $t = \frac{17}{33}$ B $t = \frac{511}{990}$ C $t = \frac{51}{98}$ D $t = \frac{33}{17}$

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

$$m = 0.4\overline{16}$$

A $m = \frac{413}{990}$ B $m = \frac{137}{330}$ C $m = \frac{412}{989}$ D $m = \frac{206}{495}$

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

$$y = 0.9\overline{89}$$

A $y = \frac{99}{98}$ B $y = \frac{98}{99}$ C $y = \frac{109}{110}$ D $y = \frac{980}{991}$

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

$$m = 0.4\overline{82}$$

A $m = \frac{478}{991}$ B $m = \frac{495}{239}$ C $m = \frac{239}{495}$ D $m = \frac{53}{110}$

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

$$n = 0.5\overline{71}$$

A $n = \frac{557}{990}$ B $n = \frac{283}{495}$ C $n = \frac{113}{198}$ D $n = \frac{495}{283}$