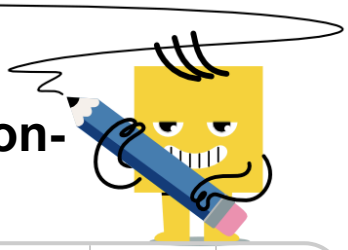
Name



Repeating Decimals to Fractions - 0 Non-Repeating, 1 Repeating - Fraction (Simplified)

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

$$p = 2.\overline{9}$$

A $p = \frac{27}{8}$

B $p = \frac{1}{3}$

C $p = 27$

D $p = 3$

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

$$w = 6.\overline{3}$$

A $w = \frac{3}{19}$

B $w = \frac{16}{3}$

C $w = \frac{57}{8}$

D $w = \frac{19}{3}$

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

$$x = 9.\overline{7}$$

A $x = \frac{88}{19}$

B $x = \frac{88}{9}$

C $x = \frac{9}{88}$

D $x = \frac{97}{9}$

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

$$q = 1.\overline{3}$$

A $q = \frac{4}{3}$

B $q = \frac{1}{3}$

C $q = \frac{12}{19}$

D $q = \frac{7}{3}$

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

$$p = 4.\overline{5}$$

A $p = \frac{50}{9}$

B $p = \frac{9}{41}$

C $p = \frac{41}{19}$

D $p = \frac{41}{9}$

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

$$z = 8.\overline{5}$$

A $z = \frac{76}{9}$

B $z = \frac{9}{77}$

C $z = \frac{77}{9}$

D $z = \frac{86}{9}$

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

$$x = 1.\overline{9}$$

A $x = \frac{18}{19}$

B $x = \frac{17}{9}$

C $x = \frac{1}{2}$

D $x = 2$

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

$$n = 6.\overline{4}$$

A $n = \frac{58}{19}$

B $n = \frac{9}{58}$

C $n = \frac{67}{9}$

D $n = \frac{58}{9}$