



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

1

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$r = 0.1\overline{85}$$

$$^A 990r = 184$$

$$^B 980r = 184$$

2

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$w = 0.8\overline{58}$$

$$^A 989w = 850$$

$$^B 990w = 850$$

3

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$q = 0.2\overline{37}$$

$$^A 990q = 236$$

$$^B 990q = 235$$

4

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$w = 0.7\overline{52}$$

$$^A 990w = 745$$

$$^B 989w = 745$$

5

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$w = 0.3\overline{59}$$

$$^A 989w = 356$$

$$^B 990w = 356$$

6

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$n = 0.6\overline{36}$$

$$^A 990n = 639$$

$$^B 990n = 630$$

7

Set up and simplify the equation that will help you change this repeating decimal into a fraction

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

$$^A 991m = 478$$

$$^B 990m = 478$$

8

Set up and simplify the equation that will help you change this repeating decimal into a fraction

$$n = 0.5\overline{43}$$

$$^A 990n = 538$$

$$^B 990n = 537$$