

Name: _____

Converting Repeating Decimals to Fractions



1 $3.33 =$

2 $8.999 =$

3 $1.2525 =$

4 $0.888 =$

5 $0.1717 =$

6 $0.9999 =$

7 $10.9898 =$

8 $1.4444 =$

9 $11.111 =$

10 $0.8787 =$

11 $0.1222 =$

12 $0.444 =$

13 $125.777 =$

14 $99.2323 =$

15 $0.1111 =$

16 $0.555 =$

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Answers

$$\boxed{1} \quad 3.33 = \frac{10}{3}$$

$$\boxed{2} \quad 8.999 = \frac{9}{1}$$

$$\boxed{3} \quad 1.2525 = \frac{124}{99}$$

$$\boxed{4} \quad 0.888 = \frac{8}{9}$$

$$\boxed{5} \quad 0.1717 = \frac{17}{99}$$

$$\boxed{6} \quad 0.9999 = \frac{1}{1}$$

$$\boxed{7} \quad 10.9898 = \frac{1088}{99}$$

$$\boxed{8} \quad 1.4444 = \frac{13}{9}$$

$$\boxed{9} \quad 11.111 = \frac{100}{9}$$

$$\boxed{10} \quad 0.8787 = \frac{29}{33}$$

$$\boxed{11} \quad 0.1222 = \frac{1222}{9999}$$

$$\boxed{12} \quad 0.444 = \frac{4}{9}$$

$$\boxed{13} \quad 125.777 = \frac{1132}{9}$$

$$\boxed{14} \quad 99.2323 = \frac{9824}{99}$$

$$\boxed{15} \quad 0.1111 = \frac{1}{9}$$

$$\boxed{16} \quad 0.555 = \frac{5}{9}$$