
Converting Decimals to Fractions (A)

Instructions: Write the fraction for each decimal.

$0.1666... = \frac{\quad}{\quad}$

$0.91666... = \frac{\quad}{\quad}$

$0.08333... = \frac{\quad}{\quad}$

$0.5 = \frac{\quad}{\quad}$

$0.7272... = \frac{\quad}{\quad}$

$0.2 = \frac{\quad}{\quad}$

$0.857142... = \frac{\quad}{\quad}$

$0.1666... = \frac{\quad}{\quad}$

$0.3636... = \frac{\quad}{\quad}$

$0.625 = \frac{\quad}{\quad}$

$0.625 = \frac{\quad}{\quad}$

$0.111... = \frac{\quad}{\quad}$

$0.8 = \frac{\quad}{\quad}$

$0.9090... = \frac{\quad}{\quad}$

$0.5454... = \frac{\quad}{\quad}$

$0.4 = \frac{\quad}{\quad}$

$0.444... = \frac{\quad}{\quad}$

$0.285714... = \frac{\quad}{\quad}$

$0.666... = \frac{\quad}{\quad}$

$0.714285... = \frac{\quad}{\quad}$

$0.714285... = \frac{\quad}{\quad}$

Converting Decimals to Fractions (A) Answers

Instructions: Write the fraction for each decimal.

$$0.1666... = \frac{1}{6} \quad 0.91666... = \frac{11}{12} \quad 0.08333... = \frac{1}{12}$$

$$0.5 = \frac{1}{2} \quad 0.7272... = \frac{8}{11} \quad 0.2 = \frac{1}{5}$$

$$0.857142... = \frac{6}{7} \quad 0.1666... = \frac{1}{6} \quad 0.3636... = \frac{4}{11}$$

$$0.625 = \frac{5}{8} \quad 0.625 = \frac{5}{8} \quad 0.111... = \frac{1}{9}$$

$$0.8 = \frac{4}{5} \quad 0.9090... = \frac{10}{11} \quad 0.5454... = \frac{6}{11}$$

$$0.4 = \frac{2}{5} \quad 0.444... = \frac{4}{9} \quad 0.285714... = \frac{2}{7}$$

$$0.666... = \frac{2}{3} \quad 0.714285... = \frac{5}{7} \quad 0.714285... = \frac{5}{7}$$

Converting Decimals to Fractions (B)

Instructions: Write the fraction for each decimal.

$0.714285... = \text{ — } \quad 0.5 = \text{ — } \quad 0.0909... = \text{ — }$

$0.555... = \text{ — } \quad 0.8 = \text{ — } \quad 0.777... = \text{ — }$

$0.8 = \text{ — } \quad 0.5454... = \text{ — } \quad 0.333... = \text{ — }$

$0.3 = \text{ — } \quad 0.3 = \text{ — } \quad 0.4 = \text{ — }$

$0.714285... = \text{ — } \quad 0.6 = \text{ — } \quad 0.4545... = \text{ — }$

$0.08333... = \text{ — } \quad 0.142857... = \text{ — } \quad 0.4 = \text{ — }$

$0.25 = \text{ — } \quad 0.888... = \text{ — } \quad 0.8 = \text{ — }$

Converting Decimals to Fractions (B) Answers

Instructions: Write the fraction for each decimal.

$$0.714285... = \frac{5}{7} \quad 0.5 = \frac{1}{2} \quad 0.0909... = \frac{1}{11}$$

$$0.555... = \frac{5}{9} \quad 0.8 = \frac{4}{5} \quad 0.777... = \frac{7}{9}$$

$$0.8 = \frac{4}{5} \quad 0.5454... = \frac{6}{11} \quad 0.333... = \frac{1}{3}$$

$$0.3 = \frac{3}{10} \quad 0.3 = \frac{3}{10} \quad 0.4 = \frac{2}{5}$$

$$0.714285... = \frac{5}{7} \quad 0.6 = \frac{3}{5} \quad 0.4545... = \frac{5}{11}$$

$$0.08333... = \frac{1}{12} \quad 0.142857... = \frac{1}{7} \quad 0.4 = \frac{2}{5}$$

$$0.25 = \frac{1}{4} \quad 0.888... = \frac{8}{9} \quad 0.8 = \frac{4}{5}$$

Converting Decimals to Fractions (C)

Instructions: Write the fraction for each decimal.

$0.08333... = \frac{\quad}{\quad} \quad 0.91666... = \frac{\quad}{\quad} \quad 0.714285... = \frac{\quad}{\quad}$

$0.5 = \frac{\quad}{\quad} \quad 0.8181... = \frac{\quad}{\quad} \quad 0.08333... = \frac{\quad}{\quad}$

$0.1818... = \frac{\quad}{\quad} \quad 0.75 = \frac{\quad}{\quad} \quad 0.571428... = \frac{\quad}{\quad}$

$0.2 = \frac{\quad}{\quad} \quad 0.8333... = \frac{\quad}{\quad} \quad 0.75 = \frac{\quad}{\quad}$

$0.875 = \frac{\quad}{\quad} \quad 0.714285... = \frac{\quad}{\quad} \quad 0.5 = \frac{\quad}{\quad}$

$0.555... = \frac{\quad}{\quad} \quad 0.857142... = \frac{\quad}{\quad} \quad 0.125 = \frac{\quad}{\quad}$

$0.5454... = \frac{\quad}{\quad} \quad 0.571428... = \frac{\quad}{\quad} \quad 0.666... = \frac{\quad}{\quad}$

Converting Decimals to Fractions (C) Answers

Instructions: Write the fraction for each decimal.

$$0.08333\dots = \frac{1}{12} \quad 0.91666\dots = \frac{11}{12} \quad 0.714285\dots = \frac{5}{7}$$

$$0.5 = \frac{1}{2} \quad 0.8181\dots = \frac{9}{11} \quad 0.08333\dots = \frac{1}{12}$$

$$0.1818\dots = \frac{2}{11} \quad 0.75 = \frac{3}{4} \quad 0.571428\dots = \frac{4}{7}$$

$$0.2 = \frac{1}{5} \quad 0.8333\dots = \frac{5}{6} \quad 0.75 = \frac{3}{4}$$

$$0.875 = \frac{7}{8} \quad 0.714285\dots = \frac{5}{7} \quad 0.5 = \frac{1}{2}$$

$$0.555\dots = \frac{5}{9} \quad 0.857142\dots = \frac{6}{7} \quad 0.125 = \frac{1}{8}$$

$$0.5454\dots = \frac{6}{11} \quad 0.571428\dots = \frac{4}{7} \quad 0.666\dots = \frac{2}{3}$$

Converting Decimals to Fractions (D)

Instructions: Write the fraction for each decimal.

$0.7272\dots = \text{—}$ $0.888\dots = \text{—}$ $0.25 = \text{—}$

$0.285714\dots = \text{—}$ $0.1666\dots = \text{—}$ $0.125 = \text{—}$

$0.857142\dots = \text{—}$ $0.91666\dots = \text{—}$ $0.9090\dots = \text{—}$

$0.125 = \text{—}$ $0.5 = \text{—}$ $0.9 = \text{—}$

$0.25 = \text{—}$ $0.555\dots = \text{—}$ $0.1666\dots = \text{—}$

$0.75 = \text{—}$ $0.2 = \text{—}$ $0.375 = \text{—}$

$0.2727\dots = \text{—}$ $0.1 = \text{—}$ $0.8 = \text{—}$

Converting Decimals to Fractions (D) Answers

Instructions: Write the fraction for each decimal.

$$0.7272\dots = \frac{8}{11} \quad 0.888\dots = \frac{8}{9} \quad 0.25 = \frac{1}{4}$$

$$0.285714\dots = \frac{2}{7} \quad 0.1666\dots = \frac{1}{6} \quad 0.125 = \frac{1}{8}$$

$$0.857142\dots = \frac{6}{7} \quad 0.91666\dots = \frac{11}{12} \quad 0.9090\dots = \frac{10}{11}$$

$$0.125 = \frac{1}{8} \quad 0.5 = \frac{1}{2} \quad 0.9 = \frac{9}{10}$$

$$0.25 = \frac{1}{4} \quad 0.555\dots = \frac{5}{9} \quad 0.1666\dots = \frac{1}{6}$$

$$0.75 = \frac{3}{4} \quad 0.2 = \frac{1}{5} \quad 0.375 = \frac{3}{8}$$

$$0.2727\dots = \frac{3}{11} \quad 0.1 = \frac{1}{10} \quad 0.8 = \frac{4}{5}$$

Converting Decimals to Fractions (E)

Instructions: Write the fraction for each decimal.

$0.125 = \frac{\quad}{\quad} \quad 0.285714... = \frac{\quad}{\quad} \quad 0.9 = \frac{\quad}{\quad}$

$0.8333... = \frac{\quad}{\quad} \quad 0.5 = \frac{\quad}{\quad} \quad 0.1 = \frac{\quad}{\quad}$

$0.08333... = \frac{\quad}{\quad} \quad 0.1 = \frac{\quad}{\quad} \quad 0.25 = \frac{\quad}{\quad}$

$0.2 = \frac{\quad}{\quad} \quad 0.4 = \frac{\quad}{\quad} \quad 0.777... = \frac{\quad}{\quad}$

$0.125 = \frac{\quad}{\quad} \quad 0.125 = \frac{\quad}{\quad} \quad 0.888... = \frac{\quad}{\quad}$

$0.75 = \frac{\quad}{\quad} \quad 0.285714... = \frac{\quad}{\quad} \quad 0.5454... = \frac{\quad}{\quad}$

$0.75 = \frac{\quad}{\quad} \quad 0.4 = \frac{\quad}{\quad} \quad 0.285714... = \frac{\quad}{\quad}$

Converting Decimals to Fractions (E) Answers

Instructions: Write the fraction for each decimal.

$$0.125 = \frac{1}{8} \quad 0.285714... = \frac{2}{7} \quad 0.9 = \frac{9}{10}$$

$$0.8333... = \frac{5}{6} \quad 0.5 = \frac{1}{2} \quad 0.1 = \frac{1}{10}$$

$$0.08333... = \frac{1}{12} \quad 0.1 = \frac{1}{10} \quad 0.25 = \frac{1}{4}$$

$$0.2 = \frac{1}{5} \quad 0.4 = \frac{2}{5} \quad 0.777... = \frac{7}{9}$$

$$0.125 = \frac{1}{8} \quad 0.125 = \frac{1}{8} \quad 0.888... = \frac{8}{9}$$

$$0.75 = \frac{3}{4} \quad 0.285714... = \frac{2}{7} \quad 0.5454... = \frac{6}{11}$$

$$0.75 = \frac{3}{4} \quad 0.4 = \frac{2}{5} \quad 0.285714... = \frac{2}{7}$$

Converting Decimals to Fractions (F)

Instructions: Write the fraction for each decimal.

$0.888... = \frac{\quad}{\quad} \quad 0.142857... = \frac{\quad}{\quad} \quad 0.888... = \frac{\quad}{\quad}$

$0.8181... = \frac{\quad}{\quad} \quad 0.8181... = \frac{\quad}{\quad} \quad 0.428571... = \frac{\quad}{\quad}$

$0.625 = \frac{\quad}{\quad} \quad 0.3 = \frac{\quad}{\quad} \quad 0.2 = \frac{\quad}{\quad}$

$0.5454... = \frac{\quad}{\quad} \quad 0.4 = \frac{\quad}{\quad} \quad 0.5454... = \frac{\quad}{\quad}$

$0.9090... = \frac{\quad}{\quad} \quad 0.58333... = \frac{\quad}{\quad} \quad 0.3636... = \frac{\quad}{\quad}$

$0.222... = \frac{\quad}{\quad} \quad 0.3636... = \frac{\quad}{\quad} \quad 0.571428... = \frac{\quad}{\quad}$

$0.5454... = \frac{\quad}{\quad} \quad 0.9090... = \frac{\quad}{\quad} \quad 0.3636... = \frac{\quad}{\quad}$

Converting Decimals to Fractions (F) Answers

Instructions: Write the fraction for each decimal.

$$0.888... = \frac{8}{9} \quad 0.142857... = \frac{1}{7} \quad 0.888... = \frac{8}{9}$$

$$0.8181... = \frac{9}{11} \quad 0.8181... = \frac{9}{11} \quad 0.428571... = \frac{3}{7}$$

$$0.625 = \frac{5}{8} \quad 0.3 = \frac{3}{10} \quad 0.2 = \frac{1}{5}$$

$$0.5454... = \frac{6}{11} \quad 0.4 = \frac{2}{5} \quad 0.5454... = \frac{6}{11}$$

$$0.9090... = \frac{10}{11} \quad 0.58333... = \frac{7}{12} \quad 0.3636... = \frac{4}{11}$$

$$0.222... = \frac{2}{9} \quad 0.3636... = \frac{4}{11} \quad 0.571428... = \frac{4}{7}$$

$$0.5454... = \frac{6}{11} \quad 0.9090... = \frac{10}{11} \quad 0.3636... = \frac{4}{11}$$

Converting Decimals to Fractions (G)

Instructions: Write the fraction for each decimal.

$0.75 = \frac{\quad}{\quad} \quad 0.714285\dots = \frac{\quad}{\quad} \quad 0.5 = \frac{\quad}{\quad}$

$0.6 = \frac{\quad}{\quad} \quad 0.3636\dots = \frac{\quad}{\quad} \quad 0.2727\dots = \frac{\quad}{\quad}$

$0.5 = \frac{\quad}{\quad} \quad 0.444\dots = \frac{\quad}{\quad} \quad 0.8181\dots = \frac{\quad}{\quad}$

$0.5454\dots = \frac{\quad}{\quad} \quad 0.875 = \frac{\quad}{\quad} \quad 0.222\dots = \frac{\quad}{\quad}$

$0.2 = \frac{\quad}{\quad} \quad 0.571428\dots = \frac{\quad}{\quad} \quad 0.8 = \frac{\quad}{\quad}$

$0.3636\dots = \frac{\quad}{\quad} \quad 0.428571\dots = \frac{\quad}{\quad} \quad 0.555\dots = \frac{\quad}{\quad}$

$0.1 = \frac{\quad}{\quad} \quad 0.5454\dots = \frac{\quad}{\quad} \quad 0.222\dots = \frac{\quad}{\quad}$

Converting Decimals to Fractions (G) Answers

Instructions: Write the fraction for each decimal.

$$0.75 = \frac{3}{4} \quad 0.714285\dots = \frac{5}{7} \quad 0.5 = \frac{1}{2}$$

$$0.6 = \frac{3}{5} \quad 0.3636\dots = \frac{4}{11} \quad 0.2727\dots = \frac{3}{11}$$

$$0.5 = \frac{1}{2} \quad 0.444\dots = \frac{4}{9} \quad 0.8181\dots = \frac{9}{11}$$

$$0.5454\dots = \frac{6}{11} \quad 0.875 = \frac{7}{8} \quad 0.222\dots = \frac{2}{9}$$

$$0.2 = \frac{1}{5} \quad 0.571428\dots = \frac{4}{7} \quad 0.8 = \frac{4}{5}$$

$$0.3636\dots = \frac{4}{11} \quad 0.428571\dots = \frac{3}{7} \quad 0.555\dots = \frac{5}{9}$$

$$0.1 = \frac{1}{10} \quad 0.5454\dots = \frac{6}{11} \quad 0.222\dots = \frac{2}{9}$$

Converting Decimals to Fractions (H)

Instructions: Write the fraction for each decimal.

$$0.1 = \frac{\quad}{\quad} \quad 0.08333\dots = \frac{\quad}{\quad} \quad 0.7272\dots = \frac{\quad}{\quad}$$

$$0.8181\dots = \frac{\quad}{\quad} \quad 0.555\dots = \frac{\quad}{\quad} \quad 0.91666\dots = \frac{\quad}{\quad}$$

$$0.7272\dots = \frac{\quad}{\quad} \quad 0.625 = \frac{\quad}{\quad} \quad 0.1 = \frac{\quad}{\quad}$$

$$0.888\dots = \frac{\quad}{\quad} \quad 0.555\dots = \frac{\quad}{\quad} \quad 0.375 = \frac{\quad}{\quad}$$

$$0.41666\dots = \frac{\quad}{\quad} \quad 0.875 = \frac{\quad}{\quad} \quad 0.7 = \frac{\quad}{\quad}$$

$$0.142857\dots = \frac{\quad}{\quad} \quad 0.333\dots = \frac{\quad}{\quad} \quad 0.666\dots = \frac{\quad}{\quad}$$

$$0.857142\dots = \frac{\quad}{\quad} \quad 0.666\dots = \frac{\quad}{\quad} \quad 0.25 = \frac{\quad}{\quad}$$

Converting Decimals to Fractions (H) Answers

Instructions: Write the fraction for each decimal.

$$0.1 = \frac{1}{10} \quad 0.08333\dots = \frac{1}{12} \quad 0.7272\dots = \frac{8}{11}$$

$$0.8181\dots = \frac{9}{11} \quad 0.555\dots = \frac{5}{9} \quad 0.91666\dots = \frac{11}{12}$$

$$0.7272\dots = \frac{8}{11} \quad 0.625 = \frac{5}{8} \quad 0.1 = \frac{1}{10}$$

$$0.888\dots = \frac{8}{9} \quad 0.555\dots = \frac{5}{9} \quad 0.375 = \frac{3}{8}$$

$$0.41666\dots = \frac{5}{12} \quad 0.875 = \frac{7}{8} \quad 0.7 = \frac{7}{10}$$

$$0.142857\dots = \frac{1}{7} \quad 0.333\dots = \frac{1}{3} \quad 0.666\dots = \frac{2}{3}$$

$$0.857142\dots = \frac{6}{7} \quad 0.666\dots = \frac{2}{3} \quad 0.25 = \frac{1}{4}$$

Converting Decimals to Fractions (I)

Instructions: Write the fraction for each decimal.

$0.0909... = \frac{\quad}{\quad} \quad 0.1818... = \frac{\quad}{\quad} \quad 0.777... = \frac{\quad}{\quad}$

$0.1818... = \frac{\quad}{\quad} \quad 0.428571... = \frac{\quad}{\quad} \quad 0.3 = \frac{\quad}{\quad}$

$0.428571... = \frac{\quad}{\quad} \quad 0.285714... = \frac{\quad}{\quad} \quad 0.75 = \frac{\quad}{\quad}$

$0.2727... = \frac{\quad}{\quad} \quad 0.5 = \frac{\quad}{\quad} \quad 0.5454... = \frac{\quad}{\quad}$

$0.1666... = \frac{\quad}{\quad} \quad 0.58333... = \frac{\quad}{\quad} \quad 0.8333... = \frac{\quad}{\quad}$

$0.571428... = \frac{\quad}{\quad} \quad 0.222... = \frac{\quad}{\quad} \quad 0.5 = \frac{\quad}{\quad}$

$0.08333... = \frac{\quad}{\quad} \quad 0.714285... = \frac{\quad}{\quad} \quad 0.555... = \frac{\quad}{\quad}$

Converting Decimals to Fractions (I) Answers

Instructions: Write the fraction for each decimal.

$$0.0909... = \frac{1}{11} \quad 0.1818... = \frac{2}{11} \quad 0.777... = \frac{7}{9}$$

$$0.1818... = \frac{2}{11} \quad 0.428571... = \frac{3}{7} \quad 0.3 = \frac{3}{10}$$

$$0.428571... = \frac{3}{7} \quad 0.285714... = \frac{2}{7} \quad 0.75 = \frac{3}{4}$$

$$0.2727... = \frac{3}{11} \quad 0.5 = \frac{1}{2} \quad 0.5454... = \frac{6}{11}$$

$$0.1666... = \frac{1}{6} \quad 0.58333... = \frac{7}{12} \quad 0.8333... = \frac{5}{6}$$

$$0.571428... = \frac{4}{7} \quad 0.222... = \frac{2}{9} \quad 0.5 = \frac{1}{2}$$

$$0.08333... = \frac{1}{12} \quad 0.714285... = \frac{5}{7} \quad 0.555... = \frac{5}{9}$$

Converting Decimals to Fractions (J)

Instructions: Write the fraction for each decimal.

$$0.888... = \frac{\quad}{\quad} \quad 0.8181... = \frac{\quad}{\quad} \quad 0.142857... = \frac{\quad}{\quad}$$

$$0.8333... = \frac{\quad}{\quad} \quad 0.777... = \frac{\quad}{\quad} \quad 0.142857... = \frac{\quad}{\quad}$$

$$0.777... = \frac{\quad}{\quad} \quad 0.08333... = \frac{\quad}{\quad} \quad 0.75 = \frac{\quad}{\quad}$$

$$0.777... = \frac{\quad}{\quad} \quad 0.142857... = \frac{\quad}{\quad} \quad 0.285714... = \frac{\quad}{\quad}$$

$$0.9 = \frac{\quad}{\quad} \quad 0.1 = \frac{\quad}{\quad} \quad 0.41666... = \frac{\quad}{\quad}$$

$$0.2 = \frac{\quad}{\quad} \quad 0.666... = \frac{\quad}{\quad} \quad 0.9 = \frac{\quad}{\quad}$$

$$0.3 = \frac{\quad}{\quad} \quad 0.857142... = \frac{\quad}{\quad} \quad 0.571428... = \frac{\quad}{\quad}$$

Converting Decimals to Fractions (J) Answers

Instructions: Write the fraction for each decimal.

$$0.888... = \frac{8}{9} \quad 0.8181... = \frac{9}{11} \quad 0.142857... = \frac{1}{7}$$

$$0.8333... = \frac{5}{6} \quad 0.777... = \frac{7}{9} \quad 0.142857... = \frac{1}{7}$$

$$0.777... = \frac{7}{9} \quad 0.08333... = \frac{1}{12} \quad 0.75 = \frac{3}{4}$$

$$0.777... = \frac{7}{9} \quad 0.142857... = \frac{1}{7} \quad 0.285714... = \frac{2}{7}$$

$$0.9 = \frac{9}{10} \quad 0.1 = \frac{1}{10} \quad 0.41666... = \frac{5}{12}$$

$$0.2 = \frac{1}{5} \quad 0.666... = \frac{2}{3} \quad 0.9 = \frac{9}{10}$$

$$0.3 = \frac{3}{10} \quad 0.857142... = \frac{6}{7} \quad 0.571428... = \frac{4}{7}$$