Converting Decimals to Fractions (A)

Instructions: Write the fraction for each decimal.

0.1666... = —   0.91666... = —   0.08333... = —

0.5 = —   0.7272... = —   0.2 = —

0.857142... = —   0.1666... = —   0.3636... = —

0.625 = —   0.625 = —   0.111... = —

0.8 = —   0.9090... = —   0.5454... = —

0.4 = —   0.444... = —   0.285714... = —

0.666... = —   0.714285... = —   0.714285... = —

Instructions: Write the fraction for each decimal.

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

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

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

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

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

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

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