

2. a. Two-tenths Fraction form Decimal form

b. Four and nine tenths $\frac{2}{10} = \frac{1}{5}$ 0.2

c. Five hundredths $\frac{45}{10} = \frac{45}{10} = \frac{9}{2}$ 4.5

d. Eleven and three hundredths $\frac{5}{100} = \frac{1}{20}$ 0.05

e. Seventy two and nine hundredths $\frac{113}{100} = \frac{113}{100}$ 11.03

f. Sixteen and twenty seven hundredths $\frac{72}{200} = \frac{36}{100} = \frac{9}{25}$ 0.72

g. Five thousandths $\frac{1627}{100} = \frac{1627}{100}$ 16.27

h. Twenty eight thousandths $\frac{5}{1000} = \frac{1}{200}$ 0.005

i. Twenty eight thousandths $\frac{28}{1000} = \frac{14}{500} = \frac{7}{250}$ 0.028

3. Express the following fractions as decimal fractions:

(a) $\frac{12}{100} = 0.12$

(e) $\frac{112}{1000} = 0.112$

(b) $\frac{37}{100} = 0.37$

(f) $21\frac{76}{100} = 21.76$

(c) $\frac{1}{1000} = 0.001$

(g) $112\frac{9}{10} = 112.9$

(d) $\frac{35}{1000} = 0.035$

4. Write the following fractions as decimal fractions:

(a) $0.45 = \frac{45}{100}$

(c) $0.049 = \frac{49}{1000}$

(b) $0.124 = \frac{124}{1000}$

(d) $0.055 = \frac{55}{1000}$

(e) $9.05 = \frac{95}{100}$, (g) $100.225 = 100 \frac{225}{1000}$

(f) $130.09 = 30 \frac{9}{100}$

5.8 Give the place value of the underlined digit:

(a) $0.\underline{6}7 =$ place value of 6 = 6 tenths

(b) $0.\underline{1}63 =$ place value of 1 = 1 tenth

(c) $0.2\underline{7}9 =$ place value of 7 = 7 hundredths

(d) $4.\underline{1}6 =$ place value of 6 = 6 hundredths

(e) $3.\underline{7}80 =$ place value of 7 = 7 tenths

(f) $15.\underline{7}5 =$ place value of 5 = 5 hundredths

(g) $\underline{1}6.12 =$ place value of 1 = 1 tens