

DIVIDE FRACTIONS

SKILLS QUESTIONS

Q1. The reciprocal of 6 is $\frac{1}{6}$

Write the reciprocal of the following numbers:

(a) 12 (b) 8 (c) 160

(d) $\frac{1}{2}$ (e) $\frac{3}{5}$ (f) $\frac{4}{9}$

(g) $\frac{8}{7}$ (h) $1\frac{1}{2}$ (i) $2\frac{2}{3}$

Q2. For each sentence of the following division sentences, write the corresponding multiplication sentence.

(a) $12 \div 4$ (b) $14 \div 2$

(c) $15 \div \frac{1}{3}$ (d) $20 \div \frac{1}{2}$

(e) $2 \div \frac{1}{10}$ (f) $21 \div \frac{1}{7}$

(g) $9 \div \frac{1}{3}$ (h) $10 \div \frac{1}{5}$

Q3. Calculate the following:

(a) $28 \div \frac{1}{2}$ (b) $14 \div \frac{1}{7}$

(c) $10 \div \frac{1}{7}$ (d) $18 \div \frac{1}{3}$

(e) $\frac{1}{2} \div \frac{1}{3}$ (f) $\frac{3}{4} \div \frac{5}{4}$

(g) $\frac{8}{15} \div \frac{6}{5}$ (h) $\frac{8}{10} \div \frac{12}{15}$

(i) $\frac{9}{7} \div \frac{13}{14}$ (j) $\frac{5}{3} \div \frac{15}{21}$

ANSWERS

Q1. (a) $\frac{1}{12}$

(b) $\frac{1}{8}$

(c) $\frac{1}{160}$

(d) 2

(e) $\frac{5}{3}$

(f) $\frac{9}{4}$

(g) $\frac{7}{8}$

(h) $\frac{2}{3}$

(i) $\frac{3}{8}$

Q2. (a) 3

(b) 7

(c) 45

(d) 40

(e) 20

(f) 147

(g) 27

(h) 50

Q3. (a) 56

(b) 98

(c) 70

(d) 54

(e) $1\frac{1}{2}$

(f) $\frac{3}{5}$

(g) $\frac{4}{9}$

(h) 1

(i) $1\frac{5}{13}$

(j) $2\frac{1}{3}$