



# SACRED HEART SCHOOL

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Website: <http://www.sacredheartkoderma.org/>

## Maths

### Class – VII

#### EXERCISE 2C

1. Write down the reciprocal of:

(i)  $\frac{5}{8}$

(ii) 7

(iii)  $\frac{1}{12}$

(iv)  $12\frac{3}{5}$

2. Simplify:

(i)  $\frac{4}{7} \div \frac{9}{14}$

(ii)  $\frac{7}{10} \div \frac{3}{5}$

(iii)  $\frac{8}{9} \div 16$

(iv)  $9 \div \frac{1}{3}$

(v)  $24 \div \frac{6}{7}$

(vi)  $3\frac{3}{5} \div \frac{4}{5}$

(vii)  $3\frac{3}{7} \div \frac{8}{21}$

(viii)  $5\frac{4}{7} \div 1\frac{3}{10}$

(ix)  $15\frac{3}{7} \div 1\frac{23}{49}$

3. Divide:

(i)  $\frac{11}{24}$  by  $\frac{7}{8}$

(ii)  $6\frac{7}{8}$  by  $\frac{11}{16}$

(iii)  $5\frac{5}{9}$  by  $3\frac{1}{3}$

(iv) 32 by  $1\frac{3}{5}$

(v) 45 by  $1\frac{4}{5}$

(vi) 63 by  $2\frac{1}{4}$

4. A rope of length  $13\frac{1}{2}$  m has been divided into 9 pieces of the same length. What is the length of each piece?

5. 18 boxes of nails weigh equally and their total weight is  $49\frac{1}{2}$  kg. How much does each box weigh?