

Hot Question at the Page 98

1. Half century = 50

1 Less than half century = $50 - 1 = 49$

As a number multiplied by itself = 49

So the required number = 7 and $7 \times 7 = 49$

Ans. The required number is 7.

2. Total number of pages of a book = 800 Pages.

Fraction of the book Bhusan reads daily = $\frac{1}{8}$

Number of pages he reads daily = $\frac{1}{8}$ of 800 pages

$$\Rightarrow 800 \div 8 = 100$$

$$\Rightarrow 100 \times 1 = 100 \text{ Pages.}$$

Number of pages he reads daily = 100 Pages.

Required number of days to complete the book

$$= 800 \div 100 = 8 \text{ days.}$$

Ans. He will finish the book in 8 days.

STD - IV

Check Point of Page 99
Part 7, 1 on
compare the fractions,

A

1.

$$\frac{4}{7} > \frac{4}{5}$$

$$4) \frac{7}{8} > \frac{3}{4}$$

2.

$$\frac{3}{8} > \frac{3}{7}$$

$$5) \frac{5}{7} > \frac{2}{3}$$

3.

$$\frac{5}{6} > \frac{5}{3}$$

$$6) \frac{2}{20} > \frac{1}{4}$$

B.

Arrange the following in descending order.

1.

$$\frac{3}{8}, \frac{3}{5}, \frac{3}{2}, \frac{3}{6}$$

As all the fractions are unlike fractions with same numerators, so by comparing the denominators of all fractions

$$2 < 5 < 6 < 8$$

$$\text{and } \frac{3}{2} > \frac{3}{5} > \frac{3}{6} > \frac{3}{8}$$

Ans. The required descending order will be $\frac{3}{2}, \frac{3}{5}, \frac{3}{6}, \frac{3}{8}$

2.

$$\frac{1}{4}, \frac{1}{7}, \frac{1}{2}, \frac{1}{9}$$

As all the fractions are unlike fractions with same numerators, so by comparing the denominators of all fractions

$$\text{we have } 2 < 4 < 7 < 9$$

$$\text{and } \frac{1}{2} > \frac{1}{4} > \frac{1}{7} > \frac{1}{9}$$

Ans. The required descending order will be $\frac{1}{2}, \frac{1}{4}, \frac{1}{7}$ and $\frac{1}{9}$.

②

Similarly do the numbers ③.