

Expt. No.

Exercise - 2.7

Page No.

Solve these story sums.

- ① There are 1,500 seats in a cinema hall. If on a particular day, 895 people arrive to watch a movie, how many seats are vacant?

Solution →

$$\begin{array}{r} \text{Number of seats in a cinema hall} = 1500 \\ \text{Number of people arrive} \\ \text{to watch a movie} = \underline{895} \\ 605 \end{array}$$

$$\text{Number of vacant seats} = 1500 - 895 = 605$$

Ans → 605 seats are vacant.

- ② A farmer had 7,500 oranges. Out of these, 859 oranges got spoilt. How many good oranges are left?

Solution →

$$\begin{array}{r} \text{Number of oranges a farmer had} = 7500 \\ \text{Number of oranges got spoilt} = \underline{859} \\ 6641 \end{array}$$

$$\text{Number of good oranges} = 7500 - 859 = 6641$$

Ans → 6641 good oranges are left.

- ③ 8,000 aeroplanes take off from an airport everyday. But only 6,748 could take off on Monday due to bad weather. How many flights were cancelled?

Solution →

$$\text{Number of aeroplanes take off everyday} = 8000$$

$$\text{Number of aeroplanes take off on Monday} = \underline{6748}$$

$$\begin{array}{r} \text{Number of flights were cancelled} \\ = 8000 - 6748 = 1252 \end{array}$$

Ans → 1252 flights were cancelled.

4) There are 11,500 seats in an indoor stadium. If on a particular day, 2895 people come to watch a game, how many seats are vacant?

Solution →

Number of seats in the stadium = 11,500

Number of people come to watch

a game = 2,895

Number of vacant seats.

8,605

$$= 11,500 - 2895 = 8,605$$

Ans → 8,605 seats are vacant.

5) The total cost of a television set and a mobile phone is ₹55,990. If the cost of the mobile phone is ₹17,897, find the cost of the television set.

Solution →

Total cost of a television set and

a mobile phone = ₹55,990

Cost of the mobile phone = ₹17,897

Cost of the television

₹38,093

$$\text{Set} = ₹55,990 - ₹17,897$$

$$= ₹38,093$$

Ans → Cost of the television set is ₹38,093.