

WORD PROBLEMS

EXAMPLE 9 Henu has 105 songs on her computer. Her friend gives her a CD consisting of 78 songs. If Henu copies the songs from the CD to her computer, how many songs will Henu have on her computer?



Number of songs on computer = 105
 Number of songs on CD = 78
 Total number of songs on computer = 105 + 78

$$\begin{array}{r} 105 \\ + 78 \\ \hline 183 \end{array}$$

😊 **ANS.** Henu's computer will have 183 songs in all.

EXERCISE 2.6

A. Solve these word problems.

1. A vegetable seller earned ₹ 485 on Monday and ₹ 649 on Tuesday. How much did he earn on these two days?

Earning on Monday = 485
 Earning on Tuesday = 649
 Earning on both the days = 485 + 649

😊 **ANS.** The vegetable seller earned ₹ 1134.



$$\begin{array}{r} 485 \\ + 649 \\ \hline 1134 \end{array}$$

2. There are 1572 students in the primary wing of a school and 849 students in the middle wing. How many students are there in the school?

Students in the primary wing = 1572
 Students in the middle wing = 849
 Total number of students = 1572 + 849

😊 **ANS.** There are 2421 students in the school.



$$\begin{array}{r} 1572 \\ + 849 \\ \hline 2421 \end{array}$$

B. Solve these word problems.

1. On Monday, Reena saw 24 butterflies on one bush and 32 butterflies on another bush. How many butterflies did Reena see in all?



Exercise - 2.6

(B)

1) Solution →

Number of butterflies
on one bush = 24

Number of butterflies
on another bush = $\begin{array}{r} 32 \\ + \\ \hline 56 \end{array}$

Total number of butterflies = $24 + 32 = 56$

Ans → Reena saw 56 butterflies in all.

2) Solution →

Number of people
in one compartment = 121

Number of people
in another compartment = $\begin{array}{r} 112 \\ + \\ \hline 233 \end{array}$

Total number of people in both compartments
= $121 + 112 = 233$

Ans → There are 233 people in both the compartments of the train.

3) Solution →

Number of milk packets in a diary = 650

Number of more packets delivered = $\begin{array}{r} 297 \\ + \\ \hline 947 \end{array}$

Total number of milk packets = $650 + 297 = 947$

Ans → There are 947 packets of milk in the diary.

4) Solution →

Number of boys = 875

Number of girls = $\begin{array}{r} 562 \\ + \\ \hline 1437 \end{array}$

Total number of students = $875 + 562 = 1437$

Ans → 1437 students were present in the school on that day.

⑤ Solution →

$$\begin{array}{r} \text{Number of pencils in a box} = 1499 \\ \text{Number of pencils in a carton} = 788 \\ \hline 2287 \end{array}$$

Total number of pencils = $1499 + 788 = 2287$

Ans → There were 2287 pencils in all.

⑥ Solution →

$$\begin{array}{r} \text{Number of books bought -} \\ \text{from the Delhi Book Fair} = 2947 \\ \text{from the World Book Fair} = 5050 \\ \hline 7997 \end{array}$$

Total number of books bought = $2947 + 5050 = 7997$

Ans → The library bought 7997 books in all.

⑦ Solution →

$$\begin{array}{r} \text{In a garden,} \\ \text{Number of roses} = 375 \\ \text{Number of Marigolds} = 642 \\ \text{Number of lilies} = 142 \\ \hline 1159 \end{array}$$

Total number of flowers = $375 + 642 + 142 = 1159$

Ans → There are 1159 flowers in the garden.

⑧ Solution →

$$\begin{array}{r} \text{Number of men visited} = 1475 \\ \text{Number of women visited} = 309 \\ \text{Number of children visited} = 2787 \\ \hline 4571 \end{array}$$

Total number of people visited to the science museum = $1475 + 309 + 2787 = 4571$

Ans → On Saturday, 4571 people visited the museum in all.