

Q2. Solve the following problems. Use only the information that is needed.

- a. Rita's school has 20,356 students. Saroj's school, which is 112 km away, has 12,145 students. How many students are there in both the schools altogether?

Solution:

$$\begin{array}{r}
 \quad \quad \quad 1\ 1 \\
 Students\ in\ Rita's\ School \quad = \quad 20356 \\
 Students\ in\ Saroj's\ School \quad = \quad +12145 \\
 \hline
 Total\ students \quad = \quad 32501
 \end{array}$$

- b. Raja took part in a car rally along with 727 other people. On the first day he covered 485 km, the second day 398 km, and the third day 502 km. How much distance did he cover in all?

Solution:

$$\begin{array}{r}
 \quad \quad \quad 1\ 1 \\
 Distance\ covered\ on\ First\ day \quad = \quad 485 \\
 Distance\ covered\ on\ Second\ day \quad = \quad 398 \\
 Distance\ covered\ on\ Third\ day \quad = \quad +502 \\
 \hline
 Total\ Distance\ covered \quad = \quad 1385
 \end{array}$$

- c. There were 32,641 men watching a hockey match in a stadium. The capacity of the stadium is 80,000 people. There were also 21,645 women watching the match. How many people in all were there to watch the match?

Solution:

$$\begin{array}{r}
 \quad \quad \quad \quad \quad \quad \quad 1 \\
 Number\ of\ men \quad = \quad 32641 \\
 Number\ of\ women \quad = \quad +21645 \\
 \hline
 Total\ no.\ of\ people \quad = \quad 54286
 \end{array}$$