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Date - 9.12.2024

Teacher - Ms. Sushma

Ch-12 Money and Time.

Exercise 12.7

Solve these story sums.

1. Amina watched a cartoon show for 45 min and a music show for 30 min. For how long did she watch television?

Soln:- Duration of cartoon show = 45 min
Duration of music show = + 30 min.
Duration of both shows = 75 min

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 $60+15$

$= 1 \text{ hr } 15 \text{ min.}$

So, Amina watched T.V. for 1 hr 15 min.

2. A tourist bus takes 4 hrs 50 min to reach Agra from Delhi. However, on 3 March it broke down on the way and took 1 hr 30 min longer. What was the duration of the journey on 3 March?

Soln:- Time taken by bus from Delhi to Agra = 4 hrs 50 min
Extra time taken on 3rd March = 1 hr 30 min
Duration of the Journey on 3 March = 5 hrs 80 min
 $\begin{array}{r} \nearrow \\ 60\ 20 \\ \downarrow \\ 1\text{ hr } 20\text{ min} \end{array}$
= 6 hrs 20 min. Any

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Exercise 12.8

1. Mr. Kapoor was in Delhi for 3 years 5 months. He was in Chennai for 1 year 11 months. How much longer was Mr. Kapoor in Delhi?

Soln:- Mr. Kapoor was in Delhi for 3 yrs 5 months
Mr. Kapoor was in Delhi Chennai for 1 year 11 months.

Years	months
3^2	5^{12}
-	11
1	6

So, Mr. Kapoor spent 1 year 6 months more in Delhi.

2. Sam's mother has a transferable job. She spent 3 years 7 months in Mumbai and 2 years 9 months in Pune. How much time in all did she spend in these two places?

Soln:- Time spent in Mumbai = 3 years 7 months
" " " Pune = + 2 years 9 months
Total time spent in two places = 5 years 16 months

$\begin{array}{c} \nearrow \\ 12 + 4 \\ \downarrow \\ 1 \text{ year } 4 \text{ months} \end{array}$
= 6 years 4 months.

So, the total time spent in Mumbai and Pune is 6 years 4 months.

Exercise 12.9

A. Multiply

1. 7 weeks 3 days by 6

weeks	days
7	3

x	6
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42	$18 \div 7 = 2 \text{ weeks } 4 \text{ days}$
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Ans:- 44 weeks 4 days

2. weeks days hours

5	2	15
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x	9
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$45 + 3$	$18 + 5$	$135 \div 24$
$= 48 \text{ weeks}$	$23 \div 7$	5 days 15 hours
	3 weeks 2 days	

Ans:- 48 weeks 2 days 15 hours

3. hours min

7	45
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x	7
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$49 + 5$	$315 \div 60$
	5 hrs 15 min

= 54 hours 15 min.