

P3 Singapore Math

Time- Word Problems

$$+ - \times \div$$

Name: _____ Date: _____

****Note: Refer to worksheet entitled "Drawing of Timelines" on how to draw timelines for each question.**

Timelines are used to count time when
adding or subtracting duration.

We use them when we have to work with
timings and duration at the same time.

Instructions:

For each question, draw a timeline and write the equations when necessary. Do not forget to include a.m. or p.m. in each of the timings.

Question 1.

During the holidays, Yada and her family planned a trip to Phuket. They planned to take an airplane from Bangkok to Phuket and they hoped to reach the resort in Phuket by 2.30p.m. However, the car ride from the airport in Phuket to the resort took 45 minutes. The flight took 1h 30min from Bangkok to Phuket. What time did the airplane have to leave Bangkok in order for them to reach their resort in Phuket on time?

The airplane had to leave at _____ .

Question 2.

Tammy and her family travelled from Bangkok to Nonthaburi. The car ride was supposed to take 53 minutes. However, they took an additional 35 minutes because they were stuck in a traffic jam. If they left Bangkok at 1.34 p.m., what time did they reach Nonthaburi?

They reached Nonthaburi at _____.



Question 3.

Trixy and her parents drove from their home to Chiang Mai. They left at 9.45a.m. and reached Chiang Mai at 1.26 p.m. How long did they take to drive from their home to Chiang Mai?

They took _____ to drive from their home to Chiang Mai.

Question 4.

Charlie planned to see the sunrise at 6.02 a.m. To do that, he needed to cycle from his home to the beach. Cycling took 1h 30min. What is the latest time he would need to leave his home to reach the beach by 6.02 a.m.?

He would need to leave his home by _____.

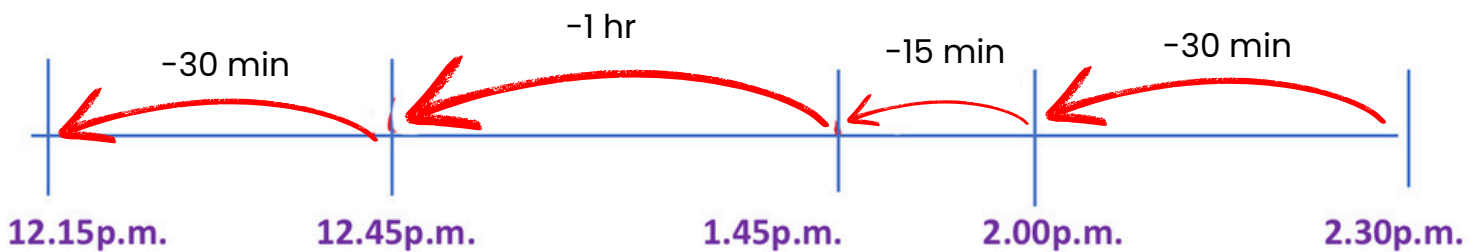
Question 5

Mina took 24 minutes to run 4 km. Jaslyn took 15 minutes longer than Mina to run the same distance. If Jaslyn started running 4 km at 8.09 a.m., what time did she finish the run?

She finished at _____.

Question 1

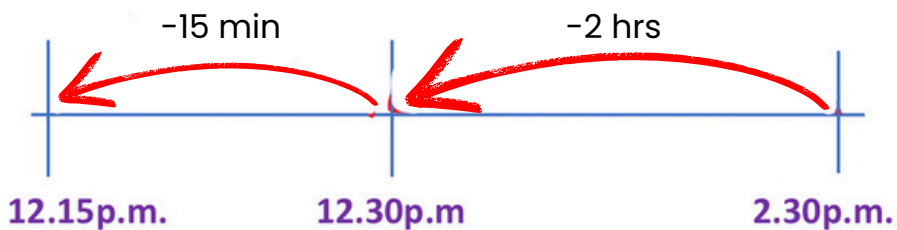
Method 1



The airplane had to leave at 12.15p.m.

Method 2

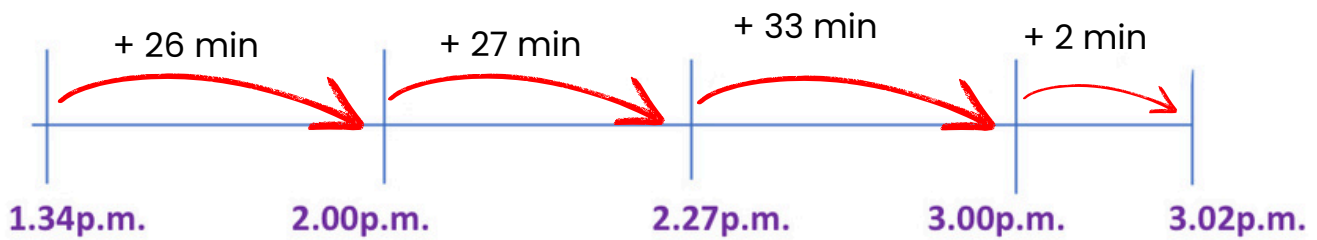
$$45\text{min} + 1\text{h } 30\text{min} = 2\text{h } 15\text{min}$$



The airplane had to leave at 12.15p.m.

Question 2

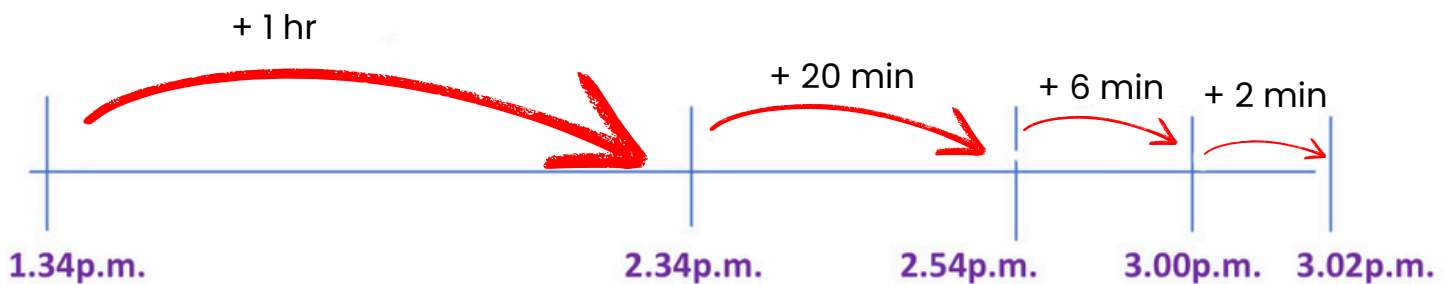
Method 1



They reached Nonthaburi at 3.02p.m.

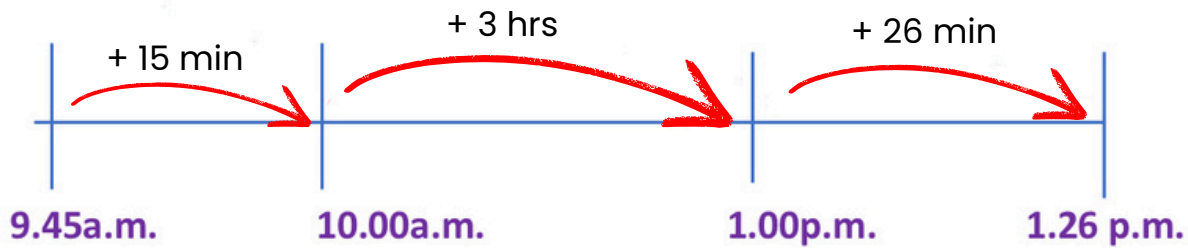
Method 2

$$\begin{aligned} 53\text{min} + 35\text{min} &= 88\text{min} \\ &= 1\text{h } 28\text{min} \end{aligned}$$



They reached Nonthaburi at 3.02p.m.

Question 3



$$15\text{min} + 3\text{h} + 26\text{min} = 3\text{h } 41\text{min}$$

They took 3h 41min to drive from their home to Chiang Mai.

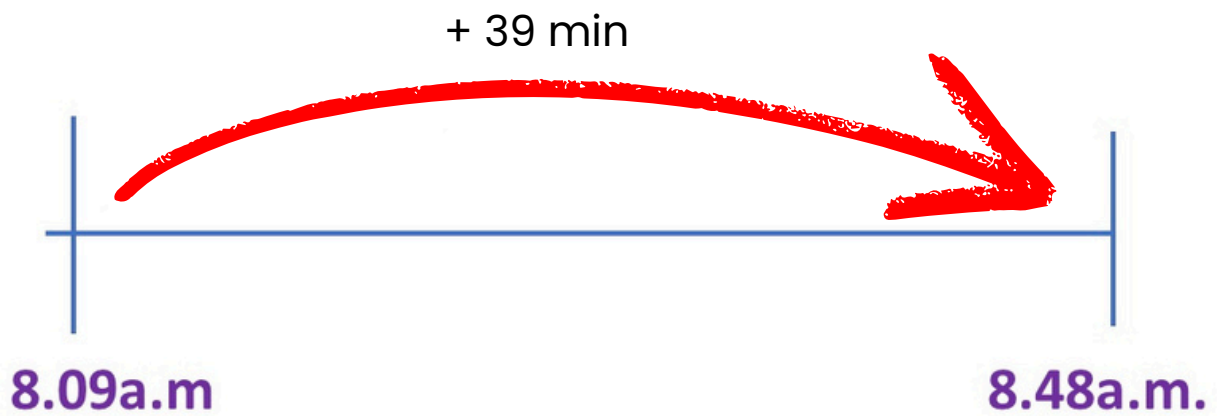
Question 4



He would need to leave his home by 4.32a.m.

Question 5

$$15\text{min} + 24\text{min} = 39\text{min}$$



She finished at 8.48 a.m.

