Time - 2-Steps Word Problems

FREE Worksheet - 1

Time: 20 minutes

(Detailed solutions at the end)

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1. Isabelle wrote two essays one after the other.

   She wrote the first essay in 2 h 35 min and the second essay in 2 h 40 min.

   She finished writing the essays at 1.40 p.m.

   At what time did she start writing the essays?

   Answer: _____

2. Barbara's clock is 5 minutes fast.

   Nikolas's clock is 10 minutes fast.

   What is the time shown on Nikolas's clock?

   Barbara's Clock:

   Nikolas's Clock: _____

3. Mrs. Chopra works at a car wash.

    She takes 40 minutes to wash a car.

    She is paid $8 for an hour of work.

    Last Saturday, she washed 3 cars.

    How much money did she earn for washing the 3 cars?

    Answer: $ _____

4. Alanis took 6 minutes to pot a plant.

    She potted 15 plants spending the same amount of time on each plant.

    She started potting the plants at 4.30 p.m.

    At what time did she finish potting all of them?

    Answer: _____

5. The party started at 5.15 p.m.

   Jonathan came 15 minutes before the party started.

   Amina came 25 minutes later than Jonathan to the party.

   At what time did Amina come to the party?

   Answer: _____
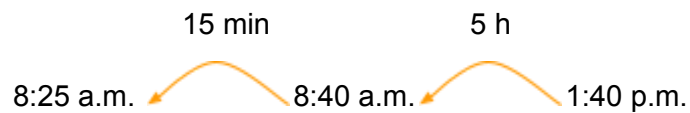
SOLUTIONS

Problem 1

2 h 35 min + 2 h 40 min = 5 h 15 min

She spent 5 h 15 min writing the two essays.

15 min		5 h	
8:25 a.m.	8:40 a.m.		1:40 p.m.

She started writing the essays at ***8.25 a.m.***
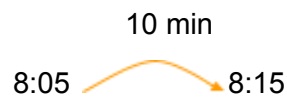
Problem 2

The time shown on Barbara's clock is 8.10.

Barbara's clock is 5 minutes ahead of the actual time.

5 min

8:05   8:10

So, the actual time is 8.05.

Nikolas's clock is 10 minutes ahead of the actual time.

10 min

8:05   8:15

So, the time shown on Nikolas's clock is ***8.15.***

Problem 3

60 min = 1 h

120 min = ?

Think of the times table of 6.

2 × 6 = 12

So, 2 × 60 min = 120 min = 2 h

1 car	→	40 min
3 cars	→	3 × 40 min
	=	120 minutes
	=	2 hours

She took 2 hours to wash 3 cars.

1 hour	→	$8
2 hours	→	2 × $8
	=	$16

She earned **$16** for washing the 3 cars.

Problem 4

1 plant	→	6 min
15 plants	→	15 × 6 min
	=	90 min
	=	1 h 30 min

She took 1 h 30 min to pot all the plants.

1 h 30 min

4:30 p.m.   6:00 p.m.
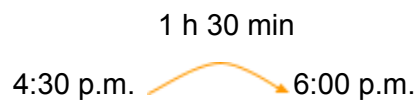
She finished potting all the plants at *6.00 p.m.*

Problem 5

Jonathan came 15 minutes before the party started.

15 min

5:00 p.m.   5:15 p.m.

Jonathan came at 5.00 p.m.

Amina came 25 minutes after Jonathan.

25 min

5:00 p.m.   5:25 p.m.

Amina came at **5.25 p.m.**