



Time - 2-Steps Word Problems

FREE Worksheet - 5

Time: 20 minutes

(Detailed solutions at the end)

1. The football game started at 3.15 p.m.

Fidel arrived at the stadium 10 minutes before the game started.

Angela arrived at the stadium 30 minutes later than Fidel.

At what time did Angela arrive at the stadium?

Answer: _____

2. Angelina made some cupcakes at home at 1.10 p.m.

She took 1 h 45 min to pack the cupcakes.

Then she went out to sell the cupcakes and returned home after 2 h 10 min .

At what time did she return home?

Answer: _____



3. Nadia watched two movies back to back. The first movie lasted 2 h 20 min and the second movie lasted 2 h 40 min.

She finished watching the movies at 8.50 p.m. At what time did she start watching the movies?

Answer: _____

4. Mr. Johnson is a mattress cleaning professional.

He takes 30 minutes to clean a mattress. He is paid \$60 an hour.

He cleaned 8 mattresses at a hotel.

How much did he receive for cleaning the 8 mattresses?

Answer: \$ _____



5. Jude went to a gym. He spent 1 h 45 min on various exercise machines.

Then he spent another 30 minutes swimming.

He finished swimming at 11.50 a.m.

At what time did he start exercising on the machines?

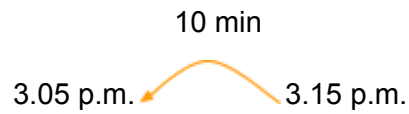
Answer: _____



SOLUTIONS

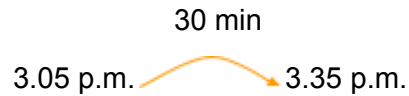
Problem 1

Fidel arrived at the stadium 10 minutes before the game started.



Fidel arrived at 3.05 p.m.

Angela arrived at the stadium 30 minutes after Fidel.

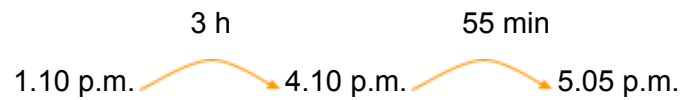


Angela arrived at **3.35 p.m.**

Problem 2

$$1 \text{ h } 45 \text{ min} + 2 \text{ h } 10 \text{ min} = 3 \text{ h } 55 \text{ min}$$

She spent 3 h 55 min packing and selling the cupcakes.



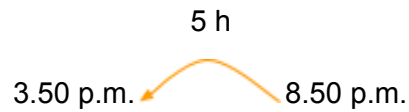
She returned home at **5.05 p.m.**



Problem 3

$$2 \text{ h } 20 \text{ min} + 2 \text{ h } 40 \text{ min} = 5 \text{ h } 0 \text{ min}$$

She spent 5 hours watching the two movies.



She started watching the movies at **3.50 p.m.**

Problem 4

$$60 \text{ min} = 1 \text{ h}$$

$$240 \text{ min} = ?$$

Think of the times table of 6.

$$4 \times 6 = 24$$

$$\text{So, } 4 \times 60 \text{ min} = 240 \text{ min} = 4 \text{ h}$$

$$\begin{aligned} 1 \text{ mattress} &\rightarrow 30 \text{ min} \\ 8 \text{ mattresses} &\rightarrow 8 \times 30 \text{ min} \\ &= 240 \text{ minutes} \\ &= 4 \text{ hours} \end{aligned}$$

He took 4 hours to clean 8 mattresses.

$$\begin{aligned} 1 \text{ hour} &\rightarrow \$60 \\ 4 \text{ hours} &\rightarrow 4 \times \$60 \\ &= \$240 \end{aligned}$$

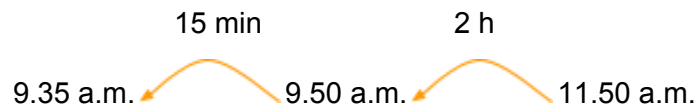
He received **\$240** for cleaning the 8 mattresses.



Problem 5

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

He spent 2 h 15 min altogether.



He started exercising on the machines at **9.35 a.m.**