



Time - 2-Steps Word Problems

FREE Worksheet - 3

Time: 20 minutes

(Detailed solutions at the end)

1. Carol took 17 minutes to cycle once around a field.

She cycled 7 times around the field.

She started cycling at 10.15 a.m.

At what time did she finish cycling?

Answer: _____

2. Mrs. Jones works at a car wash. She takes 30 minutes to wash a car.

She is paid \$8 for an hour of work. Last Saturday, she washed 4 cars.

How much money did she earn for washing the 4 cars?

Answer: \$_____



3. Larry works as a tennis coach. He is paid \$30 an hour.

The chart below shows the number of hours he spends coaching a week.

How much does Larry earn in a week?

Days	Mon	Tue	Wed	Thu	Fri	Sat	Sun
Hours	Off day	Off day	2	2	1	3	1

Answer: \$ _____

4. Hugo loves milk.

He drinks a glass of milk every 4 hours, 4 times a day.

He drank his first glass of milk for the day at 8.15 a.m.

At what time should he drink his last glass of milk for the day?

Answer: _____



5. Teresa made some cupcakes at home at 9.10 a.m.

She took 1 h 30 min to pack the cupcakes.

Then she went out to sell the cupcakes and returned home after 2 h 45 min .

At what time did she return home?

Answer: _____



SOLUTIONS

Problem 1

$$\begin{aligned} 1 \text{ round} &\rightarrow 17 \text{ min} \\ 7 \text{ rounds} &\rightarrow 7 \times 17 \text{ min} \\ &= 119 \text{ min} \\ &= 1 \text{ h } 59 \text{ min} \end{aligned}$$

She took 1 h 59 min to cycle all the rounds.

$$10:15 \text{ a.m.} \xrightarrow{1 \text{ h } 59 \text{ min}} 12:14 \text{ p.m.}$$

She finished cycling all the rounds at **12.14 p.m.**

Problem 2

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

$$120 \text{ min} = ?$$

Think of the times table of 6.

$$2 \times 6 = 12$$

$$\text{So, } 2 \times 60 \text{ min} = 120 \text{ min} = 2 \text{ h}$$

$$\begin{aligned} 1 \text{ car} &\rightarrow 30 \text{ min} \\ 4 \text{ cars} &\rightarrow 4 \times 30 \text{ min} \\ &= 120 \text{ minutes} \\ &= 2 \text{ hours} \end{aligned}$$



She took 2 hours to wash 4 cars.

$$\begin{aligned} 1 \text{ hour} &\rightarrow \$8 \\ 2 \text{ hours} &\rightarrow 2 \times \$8 \\ &= \$16 \end{aligned}$$

She earned **\$16** for washing the 4 cars.

Problem 3

$$0 \text{ h} + 0 \text{ h} + 2 \text{ h} + 2 \text{ h} + 1 \text{ h} + 3 \text{ h} + 1 \text{ h} = 9 \text{ h}$$

Larry works 9 hours in a week.

$$\begin{aligned} 1 \text{ hour} &\rightarrow \$30 \\ 9 \text{ hours} &\rightarrow 9 \times \$30 \\ &= \$270 \end{aligned}$$

Larry earns **\$270** in a week.



Problem 4

$$4 - 1 = 3$$

He has to drink 3 more glasses of milk after the first one.

$$4 \text{ h} \times 3 = 12 \text{ h}$$

He should drink his last glass of milk for the day 12 hours later.

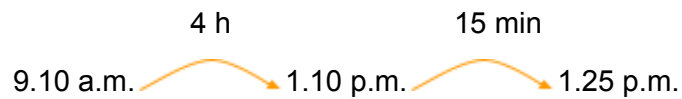


He should drink his last glass of milk for the day at **8.15 p.m.**

Problem 5

$$1 \text{ h } 30 \text{ min} + 2 \text{ h } 45 \text{ min} = 4 \text{ h } 15 \text{ min}$$

She spent 4 h 15 min packing and selling the cupcakes.



She returned home at **1.25 p.m.**