



Time - 2-Steps Word Problems

FREE Worksheet - 6

Time: 20 minutes

(Detailed solutions at the end)

1. A ship from Port A was scheduled to arrive at Port B at 9.30 p.m.

However, because of choppy waters it arrived 15 minutes late at Port B.

The ship took 5 h 15 min to sail from Port A to Port B.

At what time did it leave Port A?

Answer: _____

2. Denzel has an aquarium.

He feeds the fishes in the aquarium every 7 hours, 3 times a day.

He gave them their first feed for the day at 6.30 a.m.

At what time should he give them their last feed for the day?

Answer: _____



3. Mrs. Chan works at an ironing service. She takes 45 minutes to iron a load of clothes. She is paid \$7 for an hour of work. Yesterday, she ironed 8 loads of clothes. How much money did she earn for ironing the 8 loads of clothes?

Answer: \$ _____

4. Devon works as a gymnastics trainer. He is paid \$45 an hour. The chart below shows the number of hours he spends working a week. How much does Devon earn in a week?

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

Answer: \$ _____



5. Phoebe took 15 minutes to cycle once around a field.

She cycled 5 times around the field. She started cycling at 6.40 p.m.

At what time did she finish cycling?

Answer: _____

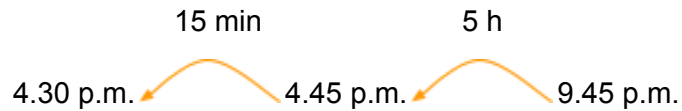


SOLUTIONS

Problem 1



The ship arrived at Port B at 9.45 p.m.



The ship left Port A at **4.30 p.m.**

Problem 2

$$3 - 1 = 2$$

He has to give them 2 more feeds after the first one.

$$7 \text{ h} \times 2 = 14 \text{ h}$$

He should give them their last feed for the day 14 hours later.



He should give them their last feed for the day at **8.30 p.m.**



Problem 3

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

$$360 \text{ min} = ?$$

Think of the times table of 6.

$$6 \times 6 = 36$$

$$\text{So, } 6 \times 60 \text{ min} = 360 \text{ min} = 6 \text{ h}$$

$$\begin{aligned} 1 \text{ load} &\rightarrow 45 \text{ min} \\ 8 \text{ loads} &\rightarrow 8 \times 45 \text{ min} \\ &= 360 \text{ minutes} \\ &= 6 \text{ hours} \end{aligned}$$

She took 6 hours to iron 8 loads of clothes.

$$\begin{aligned} 1 \text{ hour} &\rightarrow \$7 \\ 6 \text{ hours} &\rightarrow 6 \times \$7 \\ &= \$42 \end{aligned}$$

She earned **\$42** for ironing the 8 loads of clothes.

Problem 4

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

Devon works 9 hours in a week.

$$\begin{aligned} 1 \text{ hour} &\rightarrow \$45 \\ 9 \text{ hours} &\rightarrow 9 \times \$45 \\ &= \$405 \end{aligned}$$

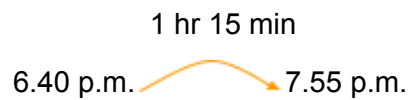
Devon earns **\$405** in a week.



Problem 5

$$\begin{aligned} 1 \text{ round} &\rightarrow 15 \text{ min} \\ 5 \text{ rounds} &\rightarrow 5 \times 15 \text{ min} \\ &= 75 \text{ min} \\ &= 1 \text{ h } 15 \text{ min} \end{aligned}$$

She took 1 h 15 min to cycle all the rounds.



She finished cycling all the rounds at **7.55 p.m.**