

Time Word Problems

Name: _____ Class: _____

Solve the following word problems. Show number sentence and your workings.

1. Mario started doing his homework at 17:53 and studied for 82 minutes. At what time did he stop studying?



2. I usually go to the gym at 11:45 in the morning and finish by 14:20. How long do I usually stay in the gym?

3. It takes me 25 seconds to read a page in a book. How many minutes will it take me to read 12 pages?



4. A football game started at 20.30 pm. The game lasted 90 minutes. At what time did the game finish?

5. We went to bed at 21:20 and woke up at 6.20 the next morning. How long did we sleep?



6. I can type 20 words in 30 seconds. How long will it take me to type 500 words in minutes?

Answers

Solve the following word problems. Show number sentence and your workings.

1. Mario started doing his homework at 17:53 and studied for 82 minutes. At what time did he stop studying?

$$17:53 + 82 = 19:15$$



2. I usually go to the gym at 11:45 in the morning and finish by 14:20. How long do I usually stay in the gym?

$$14:20 - 11:45 = 2 \text{ hours and } 35 \text{ minutes}$$

3. It takes me 25 seconds to read a page in a book. How many minutes will it take me to read 12 pages?

$$(12 \times 25) \div 60 = 5 \text{ minutes}$$



4. A football game started at 20.30 pm. The game lasted 90 minutes. At what time did the game finish?

$$20:30 + 90 = 22:00$$

5. We went to bed at 21:20 and woke up at 6.20 the next morning. How long did we sleep?

$$(24:00 - 21:20) + 6:20 = 9 \text{ hours}$$



6. I can type 20 words in 30 seconds. How long will it take me to type 500 words in minutes?

$$(500 \div 20) \times 30 = 750 \text{ seconds} = 12.5 \text{ minutes}$$