

Time & Elapsed Time

Data & Measurement · Grade 2

Score: _____ / 10

★ Hard · 10 Questions

Solve each problem. Show your work in the space provided. Write your answer on the line.

1. Convert 185 minutes to hours and minutes.

Answer: _____

2. A library is open from 9:00 AM to 8:30 PM.
How many hours and minutes is it open?

Answer: _____

3. An event runs for 3 hours 40 minutes.
If it ends at 6:20 PM, what time did it start?

Answer: _____

4. How many minutes are in 4 hours?

Answer: _____

5. A factory runs two shifts:
Shift 1: 6:00 AM to 2:30 PM
Shift 2: 2:30 PM to 11:00 PM
Which shift is longer, and by how much?

Answer: _____

6. A train travels for 4 hours 20 minutes.
It arrives at 9:05 AM. What time did it depart?

Answer: _____

7. How many seconds are in 2 hours?

Answer: _____

8. A hike starts at 7:30 AM.
The group hikes for 2 hours 15 minutes, rests 30 minutes, then hikes for 1 hour 45 minutes.
What time do they finish?

Answer: _____

9. An athlete trains for 1 hour 30 minutes every day.
How many hours does she train in 2 weeks?

Answer: _____

10. It is 11:47 PM. How many minutes until midnight?

Answer: _____

Answer Key

Time & Elapsed Time — Hard

1. 3 hours 5 minutes

$185 \div 60 = 3$ remainder 5. So 185 min = 3 hours 5 minutes.

2. 11 hours 30 minutes

9:00 AM to 8:30 PM: count 9:00 to 8:00 PM = 11 hours, then +30 min = 11 hours 30 minutes.

3. 2:40 PM

Work backwards: 6:20 PM – 3 hours = 3:20 PM. 3:20 PM – 40 minutes = 2:40 PM.

4. 240 minutes

1 hour = 60 minutes. $4 \times 60 = 240$ minutes.

5. Shift 1: 8 hr 30 min. Shift 2: 8 hr 30 min. They are equal.

Shift 1: 6:00 to 2:30 = 8 hr 30 min. Shift 2: 2:30 to 11:00 = 8 hr 30 min. Same length.

6. 4:45 AM

Work backwards from 9:05 AM: – 4 hours = 5:05 AM. – 20 min = 4:45 AM.

7. 7,200 seconds

1 hour = 60 minutes = 3,600 seconds. 2 hours = $2 \times 3,600 = 7,200$ seconds.

8. 12:00 PM

$7:30 + 2h15m = 9:45$. $+ 30m = 10:15$. $+ 1h45m = 12:00$ PM.

9. 21 hours

2 weeks = 14 days. 14×1.5 hours = 21 hours.

10. 13 minutes

From 11:47 to 12:00 (midnight) = $60 - 47 = 13$ minutes.