LESSON MAKER PRO

Time Trek

Find how long each event lasts.

GRADE 4 · 4.MG.2.a.i

4.MG.2.a.i "Solve single-step and multistep contextual problems involving elapsed time in hours and minutes, within a 12-hour period (within a.m., within p.m., and across a.m. and p.m.) when given: the starting time and the ending time..."

NAME _____ DATE _____

COUNT TIME FORWARD

To find elapsed time, count forward from the start time to the end time. You can jump to the same minutes on the next hour, then count any leftover minutes. Watch for noon when time changes from a.m. to p.m.

WORKED EXAMPLE

A craft club begins at 2:18 p.m. and ends at 4:50 p.m. How much time has elapsed?



1. 2:18 to 4:18 is 2 hours.
2. 4:18 to 4:50 is 32 minutes.
3. Combine 2 hours and 32 minutes.

Answer: 2 hours 32 minutes

PRACTICE 5 problems

1 The clock shows 8:25 a.m. A lesson ends at 10:00 a.m. How much time has elapsed?



ANSWER _____

2 A store opens at 11:40 a.m. and closes for lunch at 1:05 p.m. How much time has elapsed?

ANSWER _____

3 Art class starts at 3:15 p.m. and ends at 6:47 p.m. How much time has elapsed?

ANSWER _____

4 A hike begins at 9:55 a.m. and ends at 12:20 p.m. How much time has elapsed?

ANSWER _____

5 A library event starts at 7:08 p.m. and ends at 11:30 p.m. How much time has elapsed?

ANSWER _____

APPLY IT Show your work

1 Jalen's soccer clinic starts at 4:35 p.m. and ends at 6:10 p.m. How long is the clinic?

WORK SPACE

ANSWER _____

2 A museum show begins at 11:48 a.m. and ends at 1:20 p.m. How long is the show?

WORK SPACE

ANSWER _____

CHALLENGE One step up

At a robotics day, Maya builds for 1 hour 38 minutes, takes a 27-minute break, and then tests for 2 hours 11 minutes. How much time passes from the beginning of building to the end of testing?

WORK SPACE AND ANSWER

ANSWER KEY

Time Trek

GRADE 4 · 4.MG.2.a.i

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	The clock shows 8:25 a.m. A lesson ends at 10:00 a.m. How much time has elapsed?	**1 hour 35 minutes**
2	A store opens at 11:40 a.m. and closes for lunch at 1:05 p.m. How much time has elapsed?	**1 hour 25 minutes**
3	Art class starts at 3:15 p.m. and ends at 6:47 p.m. How much time has elapsed?	**3 hours 32 minutes**
4	A hike begins at 9:55 a.m. and ends at 12:20 p.m. How much time has elapsed?	**2 hours 25 minutes**
5	A library event starts at 7:08 p.m. and ends at 11:30 p.m. How much time has elapsed?	**4 hours 22 minutes**

PART 2 · APPLY IT

1. **1 hour 35 minutes** Count from 4:35 to 5:35 for 1 hour, then from 5:35 to 6:10 for 35 minutes.
2. **1 hour 32 minutes** Count from 11:48 to 12:48 for 1 hour, then from 12:48 to 1:20 for 32 minutes.

CHALLENGE

4 hours 16 minutes

Accept equivalent forms such as 1 h 35 min. For the challenge, add all three time periods, including the break.