LESSON MAKER PRO

Finish Time Finder

Add hours and minutes to find an ending time.

GRADE 4 · 4.MG.2.a.ii

4.MG.2.a.ii "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..."

NAME _____ DATE _____

ADD ELAPSED TIME

Add the minutes first. If the minutes make 60 or more, trade 60 minutes for 1 hour, then add the hours. When you pass 12:00, change a.m. to p.m., or p.m. to a.m.

WORKED EXAMPLE

A movie starts at 7:28 a.m. It lasts 1 hour 47 minutes. What time does it end?

1. 28 minutes + 47 minutes = 75 minutes.
2. 75 minutes = 1 hour 15 minutes.
3. 7 hours + 1 hour + 1 hour = 9 hours.
4. The movie ends at 9:15 a.m.

Answer: 9:15 a.m.

PRACTICE 6 problems

1 A bus leaves at 8:15 a.m. The ride takes 2 hours 25 minutes. What time does the bus arrive?

ANSWER _____

2 A science lesson starts at 11:35 a.m. It lasts 45 minutes. What time does it end?

ANSWER _____

3 A soccer practice starts at 2:50 p.m. It lasts 1 hour 35 minutes. What time does it end?

ANSWER _____

4 A family starts a board game at 6:05 p.m. They play for 3 hours 50 minutes. What time do they finish?

ANSWER _____

5 A library program starts at 9:40 a.m. It lasts 2 hours 30 minutes. What time does it end?

ANSWER _____

6 A sleepover movie starts at 11:45 p.m. It lasts 1 hour 30 minutes. What time does it end?

ANSWER _____

APPLY IT Show your work

1 The school robotics showcase begins at 10:42 a.m. Your team's presentation and question time last 1 hour 38 minutes. What time is your team finished? Show your steps.

WORK SPACE

ANSWER _____

2 Maya begins skating practice at 4:35 p.m. She practices for 2 hours 45 minutes. What time does practice end? Show your steps.

WORK SPACE

ANSWER _____

CHALLENGE One step up

The chess club starts at 10:58 a.m. It meets for 1 hour 48 minutes. What time does the club finish? Explain how you know when a.m. changes to p.m.

WORK SPACE AND ANSWER

ANSWER KEY

Finish Time Finder

GRADE 4 · 4.MG.2.a.ii

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	A bus leaves at 8:15 a.m. The ride takes 2 hours 25 minutes. What time does the bus arrive?	**10:40 a.m.**
2	A science lesson starts at 11:35 a.m. It lasts 45 minutes. What time does it end?	**12:20 p.m.**
3	A soccer practice starts at 2:50 p.m. It lasts 1 hour 35 minutes. What time does it end?	**4:25 p.m.**
4	A family starts a board game at 6:05 p.m. They play for 3 hours 50 minutes. What time do they finish?	**9:55 p.m.**
5	A library program starts at 9:40 a.m. It lasts 2 hours 30 minutes. What time does it end?	**12:10 p.m.**
6	A sleepover movie starts at 11:45 p.m. It lasts 1 hour 30 minutes. What time does it end?	**1:15 a.m.**

PART 2 · APPLY IT

1. **12:20 p.m.** Add 42 + 38 = 80 minutes = 1 hour 20 minutes. Add the starting 10 hours, the 1 elapsed hour, and the 1 carried hour: 10 + 1 + 1 = 12 hours. With the remaining 20 minutes, the ending time is 12:20 p.m.
2. **7:20 p.m.** Add 35 + 45 = 80 minutes = 1 hour 20 minutes. Add the starting 4 hours, the 2 elapsed hours, and the 1 carried hour: 4 + 2 + 1 = 7 hours. With 20 remaining minutes, practice ends at 7:20 p.m.

CHALLENGE

12:46 p.m. Adding 48 minutes to 10:58 a.m. gives 11:46 a.m. Adding 1 more hour passes 12:00, so the time changes to p.m.

Accept equivalent correct time notation, such as 10:40 AM. For the challenge, accept any clear explanation that the time changes from a.m. to p.m. after passing 12:00 noon.