LESSON MAKER PRO

Time Travelers Backward

Find the time an event began.

GRADE 3 · 3.MG.3.c.iii

3.MG.3.c.iii "Solve single-step contextual problems involving elapsed time in one-hour increments, within a 12-hour period (within a.m. or within p.m.) when given: the ending time and the amount of elapsed time in one-hour increments..."

NAME _____ DATE _____

COUNT BACKWARD

To find a start time, count backward from the ending time one hour at a time. Keep the same a.m. or p.m. label because each problem stays within one part of the day.

WORKED EXAMPLE

A reading time ends at 10:00 p.m. It lasted 4 hours. What time did it start?



1. Start at 10:00 p.m.
2. Count back 4 hours: 9:00, 8:00, 7:00, 6:00 p.m.
3. The starting time is 6:00 p.m.

Answer: 6:00 p.m.

PRACTICE 6 problems

1 The clock shows when a show ends. The show lasted 3 hours in the a.m. What time did it start?



ANSWER _____

2 The clock shows when a game ends. The game lasted 2 hours in the p.m. What time did it start?



ANSWER _____

3 A class ends at 9:00 a.m. It lasted 2 hours. What time did it start?

ANSWER _____

4 A sleepover activity ends at 11:00 p.m. It lasted 3 hours. What time did it start?

ANSWER _____

5 A pet show ends at 5:00 p.m. It lasted 2 hours. What time did it start?

ANSWER _____

6 A morning workout ends at 3:00 a.m. It lasted 1 hour. What time did it start?

ANSWER _____

APPLY IT Show your work

1 Maya's art club meeting ended at 7:00 p.m. The meeting lasted 5 hours. What time did the meeting start?

WORK SPACE

ANSWER _____

2 A museum tour ended at 11:00 a.m. The tour lasted 3 hours. What time did the tour start?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A robotics club meeting ends at 9:00 p.m. It lasts 7 hours. What time did it start? Write the starting time and show your backward count.

WORK SPACE AND ANSWER

ANSWER KEY

Time Travelers Backward

GRADE 3 · 3.MG.3.c.iii

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	The clock shows when a show ends. The show lasted 3 hours in the a.m. What time did it start?	**5:00 a.m.**
2	The clock shows when a game ends. The game lasted 2 hours in the p.m. What time did it start?	**5:00 p.m.**
3	A class ends at 9:00 a.m. It lasted 2 hours. What time did it start?	**7:00 a.m.**
4	A sleepover activity ends at 11:00 p.m. It lasted 3 hours. What time did it start?	**8:00 p.m.**
5	A pet show ends at 5:00 p.m. It lasted 2 hours. What time did it start?	**3:00 p.m.**
6	A morning workout ends at 3:00 a.m. It lasted 1 hour. What time did it start?	**2:00 a.m.**

PART 2 · APPLY IT

1. **2:00 p.m.** Count backward 5 hours from 7:00 p.m. The meeting started at 2:00 p.m.
2. **8:00 a.m.** Count backward 3 hours from 11:00 a.m. The tour started at 8:00 a.m.

CHALLENGE

2:00 p.m.; 9:00, 8:00, 7:00, 6:00, 5:00, 4:00, 3:00, 2:00 p.m.

Accept times written with or without :00 when the a.m. or p.m. label is correct. For the challenge, accept any clear backward count of seven one-hour steps ending at 2:00 p.m.