LESSON MAKER PRO

Minute Clock Quest

Read clocks and solve time stories.

GRADE 3 · 3.MG.3

3.MG.3 "The student will demonstrate an understanding of the concept of time to the nearest minute and solve single-step contextual problems involving elapsed time in one-hour increments within a 12-hour period..."

NAME _____ **DATE** _____

CLOCK TIME CLUES

On an analog clock, the long hand tells the minutes, and the short hand tells the hour. Count minute marks by ones. For elapsed time in whole hours, keep the minutes the same and count forward or backward by hours.

WORKED EXAMPLE

Write the time shown on the clock.



1. The long hand points to 32 minutes.
2. The short hand is a little past 4.
3. Write the hour, a colon, and the minutes.

Answer: 4:32

PRACTICE 6 problems

1 Write the digital time shown on the clock.



ANSWER _____

2 Write the digital time shown on the clock.



ANSWER _____

3 Write this digital time in words: 6:05 a.m.

ANSWER _____

4 The art room opens at 9:26 a.m. It stays open for 3 hours. What time does it close?

ANSWER _____

5 A science show starts at 1:41 p.m. and ends at 6:41 p.m. How many hours does the show last?

ANSWER _____

6 A chess club ends at 10:07 a.m. It lasted 3 hours. What time did it start?

ANSWER _____

APPLY IT Show your work

1 The school garden club starts planting at 3:17 p.m. and stops at 5:17 p.m. How long does the club plant?

WORK SPACE

ANSWER _____

2 A video game tournament begins at 8:52 a.m. It runs for 3 hours. At what time does it end?

WORK SPACE

ANSWER _____

CHALLENGE One step up

A game starts at 8:39 a.m. and ends at 11:39 a.m. Liam says the game lasts 2 hours. Is Liam correct? Explain and write the elapsed time.

WORK SPACE AND ANSWER

ANSWER KEY

Minute Clock Quest

GRADE 3 · 3.MG.3

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Write the digital time shown on the clock.	**7:18**
2	Write the digital time shown on the clock.	**11:54**
3	Write this digital time in words: 6:05 a.m.	**six oh five a.m.**
4	The art room opens at 9:26 a.m. It stays open for 3 hours. What time does it close?	**12:26 p.m.**
5	A science show starts at 1:41 p.m. and ends at 6:41 p.m. How many hours does the show last?	**5 hours**
6	A chess club ends at 10:07 a.m. It lasted 3 hours. What time did it start?	**7:07 a.m.**

PART 2 · APPLY IT

1. **2 hours** The minutes stay at 17. Count from 3 p.m. to 5 p.m., which is 2 hours.
2. **11:52 a.m.** Keep the minutes at 52. Count forward 3 hours from 8 a.m. to 11 a.m.

CHALLENGE

No. The minutes are both 39, and the hour changes from 8 to 11, so the game lasts 3 hours.

Accept times with or without a leading zero in the hour. Accept equivalent word forms such as "six oh five" for 6:05 a.m. when the a.m. label is included.