

Clock Match Quest

Read analog and digital clocks to the nearest minute.

GRADE 3 • 3.MG.3.b

3.MG.3.b "Match a written time (e.g., 4:38, 7:09, 12:51) to the time shown on analog and digital clocks to the nearest minute."

NAME _____

DATE _____

READ EVERY MINUTE

The long minute hand tells the minutes. Count minute marks after 12, and use the short hour hand to find the hour. On a digital clock, the number after the colon tells the minutes, even when it begins with 0.

WORKED EXAMPLE

What time does an analog clock show if the minute hand points to the 47-minute mark and the hour hand is between 2 and 3, close to 3?

1. The minute hand shows 47 minutes.
2. The hour hand is still in the 2 o'clock hour.
3. Write the hour and minutes with a colon.

Answer: 2:47

PRACTICE 6 problems

- 1** Which written time matches an analog clock with its minute hand at the 18-minute mark and its hour hand just past 4?

ANSWER _____

- 2** Which written time matches an analog clock with its minute hand at the 35-minute mark and its hour hand between 10 and 11?

ANSWER _____

- 3** Which written time matches an analog clock with its minute hand at the 59-minute mark and its hour hand almost at 8?

ANSWER _____

- 4** Which written time matches an analog clock with its minute hand at the 2-minute mark and its hour hand just past 12?

ANSWER _____

- 5** Write the time shown on a digital clock that reads 9:06.

ANSWER _____

- 6** Write the time shown on a digital clock that reads 1:40.

ANSWER _____

APPLY IT Show your work

- 1** Nora checks the digital clock before her online drawing club begins. It reads 3:07. What written time should Nora write on her club schedule?

WORK SPACE

ANSWER _____

- 2** At game club, an analog clock has its minute hand at the 44-minute mark. Its hour hand is between 5 and 6, closer to 6. What time is it?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

A digital clock reads 8:49. An analog clock has its minute hand at the 49-minute mark and its hour hand between 7 and 8, close to 8. Do the clocks show the same time? Explain your reasoning.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	Which written time matches an analog clock with its minute hand at the 18-minute mark and its hour hand just past 4?	4:18
2	Which written time matches an analog clock with its minute hand at the 35-minute mark and its hour hand between 10 and 11?	10:35
3	Which written time matches an analog clock with its minute hand at the 59-minute mark and its hour hand almost at 8?	7:59
4	Which written time matches an analog clock with its minute hand at the 2-minute mark and its hour hand just past 12?	12:02
5	Write the time shown on a digital clock that reads 9:06.	9:06
6	Write the time shown on a digital clock that reads 1:40.	1:40

PART 2 • APPLY IT

1. **3:07** Read the hour before the colon, 3, and the minutes after the colon, 07. The schedule time is 3:07.
2. **5:44** The minute hand shows 44 minutes. Because the hour hand is still between 5 and 6, the hour is 5.

CHALLENGE

No. The digital clock shows 8:49, but the analog clock shows 7:49 because its hour hand is still between 7 and 8.

Accept correct time notation with a colon. For times with fewer than 10 minutes, require a zero in the minutes place, such as 9:06 and 12:02.