

Clock Time Quest

Read clocks and choose the best time unit.

GRADE 2 • 2.MG.2

2.MG.2 "The student will demonstrate an understanding of the concept of time to the nearest five minutes, using analog and digital clocks. Identify the number of minutes in an hour (60 minutes) and the number of hours in a day (24 hours)..."

NAME _____

DATE _____

CLOCK CLUES

The long hand tells the minutes. Count by 5s around the clock to read minutes to the nearest five minutes. One hour has 60 minutes, and one day has 24 hours.

WORKED EXAMPLE

A bakery clock has its long hand on 9. Its short hand is between 8 and 9. Write the digital time.

1. The long hand on 9 means 45 minutes.
2. The short hand is after 8, so the hour is 8.
3. Write 8:45.

Answer: 8:45

PRACTICE 5 problems

- 1** A toy train clock has its long hand on 4. Its short hand is a little past 2. Write the digital time.

ANSWER _____

- 2** A kitten's food timer shows 6:05. What clock number does the long hand point to?

ANSWER _____

- 3** A hamster naps for 1 hour. How many minutes does the nap last?

ANSWER _____

- 4** A zookeeper writes a fact card: 1 day = ____ hours.

ANSWER _____

- 5** Would you use minutes, hours, days, or weeks to measure brushing a dog's fur? Write the unit and why.

ANSWER _____

APPLY IT Show your work

- 1** Lena checks the clock before soccer practice. The long hand points to 6. The short hand is between 5 and 6. What digital time is it?

WORK SPACE

ANSWER _____

- 2** A video game contest begins when the long hand points to 11. The short hand is almost at 4. What digital time is it?

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Noah sees a clock with the long hand on 11 and the short hand just before 8. He writes 7:11. Is Noah correct? Write the correct digital time and explain.

PART 1 • PRACTICE

#	PROBLEM	ANSWER
1	A toy train clock has its long hand on 4. Its short hand is a little past 2. Write the digital time.	2:20
2	A kitten's food timer shows 6:05. What clock number does the long hand point to?	1
3	A hamster naps for 1 hour. How many minutes does the nap last?	60 minutes
4	A zookeeper writes a fact card: 1 day = ____ hours.	24 hours
5	Would you use minutes, hours, days, or weeks to measure brushing a dog's fur? Write the unit and why.	minutes, because brushing a dog's fur takes a short time

PART 2 • APPLY IT

- 5:30** The long hand on 6 means 30 minutes. The short hand is after 5, so the time is 5:30.
- 3:55** The long hand on 11 means 55 minutes. The short hand is still in the 3 hour, so the time is 3:55.

CHALLENGE

No. The correct time is 7:55 because the long hand on 11 means 55 minutes, not 11 minutes.

Accept correct time notation with or without the word "time." For the unit explanation, accept minutes with a reasonable statement that brushing a dog takes a short time.