Telling Time to the Nearest Minute

Explore ideas and representations

Name _____ **Date** _____ **Score** _____ / 6

QUICK REVIEW

The long hand counts minutes: each large number is 5 minutes and each small mark is 1 minute. At $3{:}27$, the long hand is 2 marks after 5, since $5 \times 5 + 2 = 27$; the short hand is between 3 and 4. For elapsed time, bridge the next hour: $3{:}50$ to $4{:}15$ is $10 + 15 = 25$ minutes.

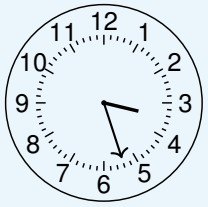
Worked example

Write the time shown. Use the minute marks.

1. The minute hand is 5 groups of 5 minutes plus 2 small marks: $5 \times 5 + 2 = 27$ minutes.

2. The short hand is in hour 3, so the time is $3 : 27$.

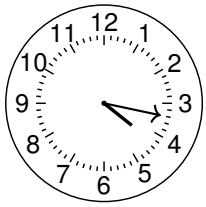
Answer: $3 : 27$.



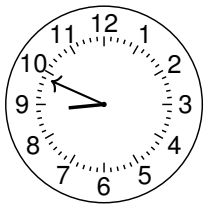
Practice Problems

Show your thinking.

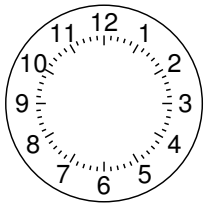
1. Write the time shown. Use the minute marks.



2. Write the time shown. Use the minute marks.



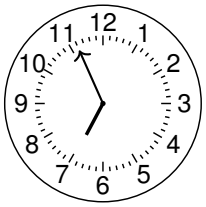
3. Draw hands to show $2 : 26$. Use a short hour hand and a long minute hand.



4. A lesson starts at $9 : 38$ and lasts 27 minutes. When does it finish?

5. A game starts at $5 : 12$ and ends at $5 : 46$ in the same part of the day. How many minutes pass?

6. A student reads this clock as $7 : 56$ because the hour hand is near the next number. Correct the time.



Answer Key

1. $4:17$.
2. $8:49$.
3. Short hand at hour 2, advanced 26 minutes; long hand at minute 26.
4. $10:05$.
5. 34 minutes.
6. $6:56$.

Step-by-Step Solutions

Follow each calculation, then check your own work.

Problem 1

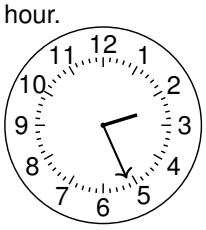
1. The minute hand is 3 groups of 5 minutes plus 2 small marks: $3 \times 5 + 2 = 17$ minutes.
2. The short hand is in hour 4, so the time is $4:17$.

Problem 2

1. The minute hand is 9 groups of 5 minutes plus 4 small marks: $9 \times 5 + 4 = 49$ minutes.
2. The short hand is in hour 8, so the time is $8:49$.

Problem 3

1. The minute hand goes to $5 \times 5 + 1 = 26$ minutes past 12.
2. The hour hand lies between 2 and 3, 26 minutes into the hour.



Problem 4

1. Add 22 minutes first: $9:38 \rightarrow 10:00$.
2. $27 - 22 = 5$ minutes remain; add them to reach $10:05$.

Problem 5

1. Both times are in hour 5; their minute readings are 12 and 46.
2. Subtract the minute readings: $46 - 12 = 34$ minutes. Check $12 + 34 = 46$.

Problem 6

1. The minute hand shows $11 \times 5 + 1 = 56$ minutes.
2. The short hand has not reached 7; the hour is still 6. The time is $6:56$.

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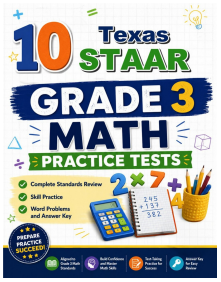

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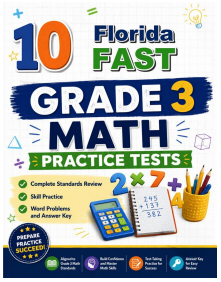

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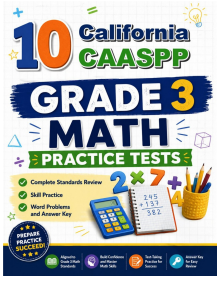

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