Telling Time to the Nearest Minute

Spot mistakes, reason, and work backward

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.

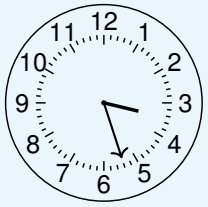
Worked example

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 $3 : 27$.

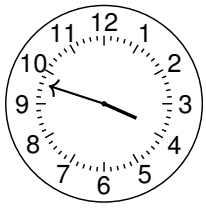
Answer: $3 : 27$.



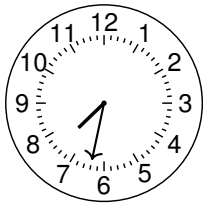
Practice Problems

Show your thinking.

1. A student reads this clock as $4 : 48$ because the hour hand is near the next number. Correct the time.



2. A student reads the minute hand as 6 minutes by reading only the clock number. Correct the minutes and time.

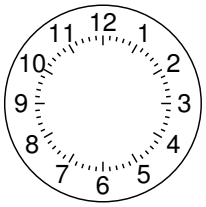


3. A walk lasts 26 minutes and ends at $11 : 13$. When did it start?

4. A game starts at $1 : 28$ and ends at $2 : 05$ in the same part of the day. How many minutes pass?

5. A walk lasts 19 minutes and ends at $12 : 13$. When did it start?

6. Draw hands to show $5 : 23$. Use a short hour hand and a long minute hand.



Answer Key

1. $3:48$.
2. 32 minutes past; $7:32$.
3. $10:47$.
4. 37 minutes.
5. $11:54$.
6. Short hand at hour 5, advanced 23 minutes; long hand at minute 23.

Step-by-Step Solutions

Follow each calculation, then check your own work.

Problem 1

1. The minute hand shows $9 \times 5 + 3 = 48$ minutes.

2. The short hand has not reached 4; the hour is still 3. The time is $3:48$.

Problem 2

1. Each large number represents 5 minutes. Count $6 \times 5 = 30$ minutes to the last large mark.

2. Add 2 small marks: $30 + 2 = 32$ minutes. With hour 7, the time is $7:32$.

Problem 3

1. Move back 13 minutes from $11:13$ to the hour mark $11:00$.

2. Go back $26 - 13 = 13$ more minutes. The previous hour's minute reading is $60 - 13 = 47$, giving $10:47$.

Problem 4

1. From $1:28$ to $2:00$ is $60 - 28 = 32$ minutes.

2. Then 5 more minutes reach $2:05$; $32 + 5 = 37$ minutes pass.

Problem 5

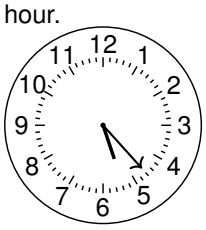
1. Move back 13 minutes from $12:13$ to the hour mark $12:00$.

2. Go back $19 - 13 = 6$ more minutes. The previous hour's minute reading is $60 - 6 = 54$, giving $11:54$.

Problem 6

1. The minute hand goes to $4 \times 5 + 3 = 23$ minutes past 12.

2. The hour hand lies between 5 and 6, 23 minutes into the hour.



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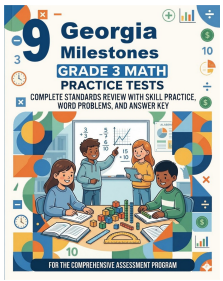

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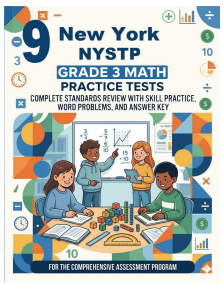

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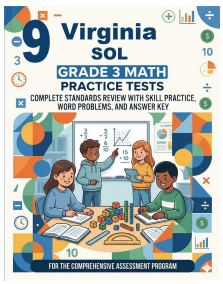

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