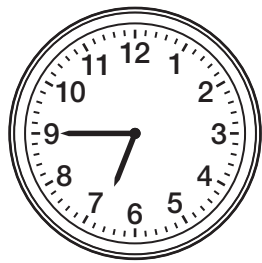# Time to the Half Hour and Quarter Hour

Write the time shown on each clock in two ways.

**1.**



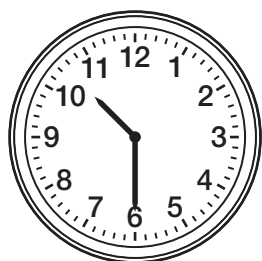_____

_____

**2.**



_____

_____

**3.**

`7:30`

_____

_____

**4.**



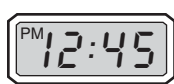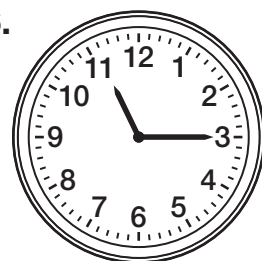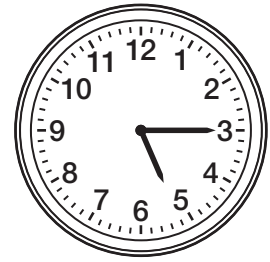_____

_____

**5.** `PM 12:45`

_____

_____

**6.**



_____

_____

**7.** The school bus stops at Randy's stop at 8:15 A.M. Randy arrived at the bus stop at quarter after 8. Did he miss the bus? Explain.

_____

_____

_____

**8.** Which does **NOT** describe the time shown on the clock?



**A** five forty-five

**C** quarter after five

**B** five fifteen

**D** fifteen minutes after five

# Time to the Minute

Write the time shown on each clock in two ways.

**1.**



_____

_____

**2.**



_____

_____

**3.**



_____

_____

**4.**



_____

_____

**5.**



_____

_____

**6.**


PM 6:23

_____

_____
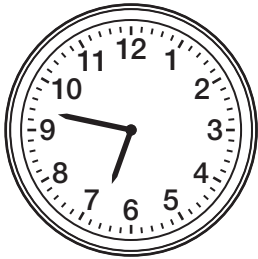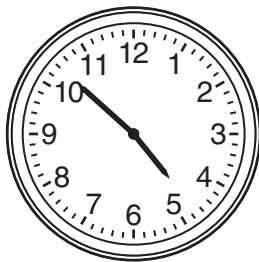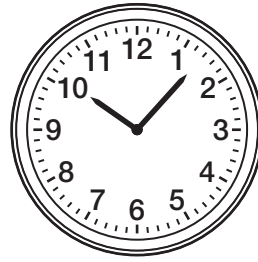
**7.** What type of angle is formed by a clock's hands
when it is 3:00?                                                        _____

**8.** The movie Mike watched lasted 1 hour 26 minutes.
How many minutes did the movie last?                      _____
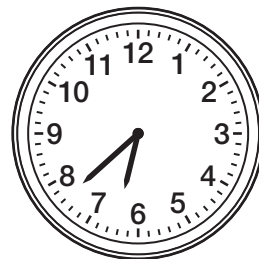
**9.** Jan's alarm clock rang at the time shown on the clock
below. At what time did the alarm clock ring?

**A** six ten          **C** six thirty-eight

**B** six twenty-two  **D** seven twenty-two

# Units of Time

Change the units. Complete.

**1.** 5 hours = ■ ■ ■ minutes

_____

**2.** 3 weeks = ■ ■ days

_____

**3.** 8 weeks = ■ ■ days

_____

**4.** 6 hours = ■ ■ ■ minutes

_____

**5.** How many minutes are in 3 hours, 30 minutes?

_____

**6.** How many days are there in 4 weeks, 3 days?

_____

**7.** Kendra watched two movies. The first lasted 100 minutes. The second lasted 1 hour, 55 minutes. Which movie was longer? By how many minutes?

_____

_____

_____

**8.** **Writing to Explain** How many hours are there in a week? Explain how you found your answer.

_____

_____

_____

**9.** The Wilson family is going on a 5-week vacation through Australia and New Zealand this summer. How many days will the Wilson's be on vacation?

_____

**10.** Lacy slept 8 hours last night. How many minutes did Lacy sleep?

**A** 400     **C** 640

**B** 480     **D** 800

Name _____

# Elapsed Time

Find the elapsed time.

**1.** Start Time: 6:00 P.M.
   End Time: 7:15 P.M.

   _____

**2.** Start Time: 9:30 A.M.
   End Time: 1:45 P.M.

   _____

**3.** Start Time: 3:10 P.M.
   End Time: 4:00 P.M.

   _____

**4.** Start Time: 11:30 A.M.
   End Time: 5:30 P.M.

   _____

**5.** Start Time: 7:30 A.M.
   End Time: 10:50 A.M.

   _____

**6.** Start Time: 9:00 P.M.
   End Time: 4:30 A.M.

   _____

**7.** Edie is 1 year old. She naps from 12:45 P.M. to 2:30 P.M. each day. How long is Edie's nap?

   _____

**8.** Mr. Wellborn arrives at work at 8:40 A.M. He leaves for work 50 minutes before he arrives. At what times does Mr. Wellborn leave for work?

   _____

**9.** **Writing to Explain** How long is your school day? Explain how you found your answer.

   _____

   _____

   _____

**10.** Gary's father dropped him off at soccer practice at 2:45 P.M. His mother picked him up at 5:00 P.M. How long did soccer practice last?

   **A** 2 hours, 15 minutes

   **B** 2 hours, 25 minutes

   **C** 3 hours, 15 minutes

   **D** 3 hours, 25 minutes

Name _____

# Problem Solving:
# Work Backward

Solve the problem by drawing a picture or a number line and
working backward.

**1.** Will arrived at his mother's office
at 3 P.M. It took him 30 minutes to
walk from his home to the mall.
He was in the mall for 45 minutes.
It then took him 15 minutes to
walk to his mother's office. At
what time did Will leave home?

_____

**2.** At 12 noon, Leslie recorded
the temperature as 56°F. The
temperature had increased by 8°F
from 10 A.M. The temperature at
8 A.M. was 2°F warmer than it
was at 10 A.M. What was the
temperature at 8 A.M.?

_____

**3.** The test that Keyshawn's class
took finished at 10:30 A.M. The
first part of the test took 30
minutes. There was a 15-minute
break. The second part of the test
also took 30 minutes. At what time
did the test start?

_____

**4.** The temperature was 16°C when
Becky returned home at 6 P.M.
The temperature was 4°C warmer
at 3 P.M. than it was at 6 P.M. It
was 3°C warmer at 12 noon than
it was at 3 P.M. What was the
temperature at 12 noon?

_____

**5.** Elliot finished studying at 4:45 P.M. He spent 30 minutes reading a
social studies chapter. He spent 45 minutes on his math homework.
In between studying, Elliot took a 20-minute break.
At what time did Elliot begin studying?

**A** 3:00 P.M.     **B** 3:10 P.M.     **C** 3:30 P.M.     **D** 6:20 P.M.

Name _____

Choose the best answer.

**1.** The clock below shows the time Helena arrived at her music lesson. What time did she arrive? (12-2)



   **A** 5:30

   **B** 4:56

   **C** 4:31

   **(D)** 4:29

**2.** What is one way to write the time shown on the clock? (12-1)

PM 12:15

   **A** Quarter to 12

   **(B)** Quarter past 12

   **C** 15 past 1

   **D** Quarter to 2

**3.** Mrs. Washington got to work at 7:55 A.M. She was in the car for 15 minutes, ate breakfast in 30 minutes, and took 50 minutes to get ready, after she got up. What time did Mrs. Washington get up? (12-5)

   **A** 7:10 A.M.

   **B** 6:30 A.M.

   **(C)** 6:20 A.M.

   **D** 6:15 A.M.

**4.** Cindy practices on her violin 2 hours a week. Which amount of time is less than 2 hours? (12-3)

   **(A)** 70 minutes

   **B** 120 minutes

   **C** 140 minutes

   **D** 180 minutes

**5.** Scott was in a school play. The play started at 6:45 P.M. and ended at 7:40 P.M. How long did the play last? (12-4)

   **A** 35 minutes

   **B** 45 minutes

   **(C)** 55 minutes

   **D** 65 minutes

**6.** Which of the following is a time that Diego would be eating breakfast? (12-1)

    **A** 3:15 A.M.

    **B** 8:15 P.M.

    **(C)** 7:45 A.M.

    **D** 12:30 A.M.

**7.** It was 9:00 A.M. Elliot had been at the train station for 35 minutes. When did he arrive at the station? (12-4)

    **A** 8:15 A.M.

    **(B)** 8:25 A.M.

    **C** 9:25 A.M.

    **D** 9:35 A.M.

**8.** There are 60 seconds in 1 minute. How many seconds are in 1 quarter hour? Explain your answer. (12-3)

**900 seconds; Sample answer: I made a table. For each new minute, there are 60 more seconds. One quarter hour is 15 minutes.**

**9.** Abdul arrived home from the library at the time shown on the clock.
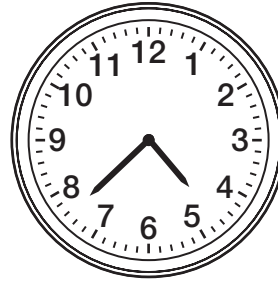


What time did he arrive home? (12-2)

**4:38**

**10.** Suki left her house at 8:30 to go to the bus stop. Which is another way to write 8:30? (12-1)

**Sample answer: half past 8**

**11.** Ella got home at 4:45 P.M. After school ended, she had ridden the bus for 15 minutes, had basketball practice for 55 minutes, and studied in the library for 25 minutes. What time did school end? (12-5)

**3:10 P.M.**

**12.** The birthday party started at 11:30 A.M. and ended at 1:45 P.M. How long did the party last? (12-4)

**2 hours, 15 minutes**

## Name _____

**13.** How many minutes are in 3 hours? (12-3)

**180**

**14.** The 4:00 P.M. temperature was 46°F. This was 12° warmer than the temperature at noon. The noon temperature was 7° warmer than the 8:00 A.M. temperature. What was the 8:00 A.M. temperature in °F? (12-5)

**27° F**

**15.** Ingrid was playing in a soccer game. The game started at 5:10 P.M. and ended at 6:50 P.M. How long did the game last? (12-4)

**1 hour, 40 minutes**

**16.** Ben starts soccer practice at the time shown on the clock. What time does soccer practice begin? (12-1)
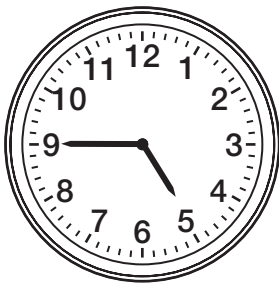


**4:45**

**17.** The class ended at 10:15 A.M. It lasted 1 hour 10 minutes. What time did the class start? (12-4)

**9:05 A.M.**

**18.** Jessie's ballet recital begins at 6:30 P.M. It takes her dad 15 minutes to drive her there from their house. Jessie wants to warm-up at the dance hall for 20 minutes before the recital begins. What time do Jessie and her dad need to leave their house so she has enough time to warm-up? (12-5)

**5:55 P.M.**

Choose the best answer.

**1.** The clock below shows the time Helena arrived at her music lesson. What time did she arrive? (12-2)



**A** 5:30

**B** 4:56

**C** 4:31

**D** 4:29

**2.** What is one way to write the time shown on the clock? (12-1)



**A** Quarter to 12

**B** Quarter past 12

**C** 15 past 1

**D** Quarter to 2

**3.** Mrs. Washington got to work at 7:55 A.M. She was in the car for 15 minutes, ate breakfast in 30 minutes, and took 50 minutes to get ready, after she got up. What time did Mrs. Washington get up? (12-5)

**A** 7:10 A.M.

**B** 6:30 A.M.

**C** 6:20 A.M.

**D** 6:15 A.M.

**4.** Cindy practices on her violin 2 hours a week. Which amount of time is less than 2 hours? (12-3)

**A** 70 minutes

**B** 120 minutes

**C** 140 minutes

**D** 180 minutes

**5.** Scott was in a school play. The play started at 6:45 P.M. and ended at 7:40 P.M. How long did the play last? (12-4)
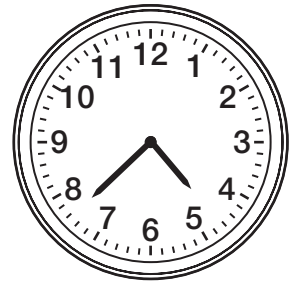
**A** 35 minutes

**B** 45 minutes

**C** 55 minutes

**D** 65 minutes

**6.** Which of the following is a time that Diego would be eating breakfast? (12-1)

    **A** 3:15 A.M.

    **B** 8:15 P.M.

    **C** 7:45 A.M.

    **D** 12:30 A.M.

**7.** It was 9:00 A.M. Elliot had been at the train station for 35 minutes. When did he arrive at the station? (12-4)

    **A** 8:15 A.M.

    **B** 8:25 A.M.

    **C** 9:25 A.M.

    **D** 9:35 A.M.

**8.** There are 60 seconds in 1 minute. How many seconds are in 1 quarter hour? Explain your answer. (12-3)

_____

_____

_____

**9.** Abdul arrived home from the library at the time shown on the clock.



What time did he arrive home? (12-2)

_____

**10.** Suki left her house at 8:30 to go to the bus stop. Which is another way to write 8:30? (12-1)

_____

**11.** Ella got home at 4:45 P.M. After school ended, she had ridden the bus for 15 minutes, had basketball practice for 55 minutes, and studied in the library for 25 minutes. What time did school end? (12-5)

_____

**12.** The birthday party started at 11:30 A.M. and ended at 1:45 P.M. How long did the party last? (12-4)

_____

**13.** How many minutes are in 3 hours? (12-3)

_____

**14.** The 4:00 P.M. temperature was 46°F. This was 12° warmer than the temperature at noon. The noon temperature was 7° warmer than the 8:00 A.M. temperature. What was the 8:00 A.M. temperature in °F? (12-5)

_____

**15.** Ingrid was playing in a soccer game. The game started at 5:10 P.M. and ended at 6:50 P.M. How long did the game last? (12-4)

_____

**16.** Ben starts soccer practice at the time shown on the clock. What time does soccer practice begin? (12-1)



_____
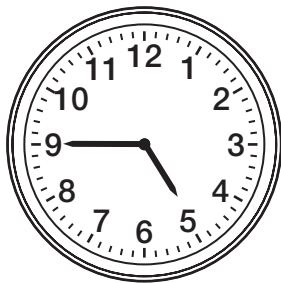
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_____

**18.** Jessie's ballet recital begins at 6:30 P.M. It takes her dad 15 minutes to drive her there from their house. Jessie wants to warm-up at the dance hall for 20 minutes before the recital begins. What time do Jessie and her dad need to leave their house so she has enough time to warm-up? (12-5)

_____