

Student Guide

Time to the Nearest Five Minutes

(SG pp. 96–98)


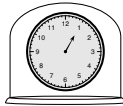

Questions 1–10

- 1.* Possible response: The hour hand is pointing at the 1 on the clock. That means the minute hand would be close to the 12 so it is about one o'clock.
- 2.* Possible response: Yes, I agree with Liz. When the hour hand is halfway between two numbers on the clock, it means it is about 30 minutes after the hour. Since the hour hand is between the 8 and the 9, it is about 30 minutes after 8 or 8:30.
3. A. 2:00
B. 12:00
C.* a little after 9 o'clock, 9:10, 9:15 or 9:20 are reasonable estimates
D. about 3:30
4. A.* The minute hand is pointing at the blue 30.
B.* halfway around the clock
C.* 30 minutes
D.* The hour hand is halfway between the red 1 and 2.

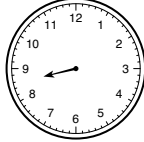
Time to the Nearest Five Minutes

Using the Hour Hand

Liz and Diana found an old clock. Diana noticed that the minute hand was broken off the clock and thought they should just throw it away. Liz said they should keep the clock because they could use it to practice telling time. She moved the hour hand to show a time. Liz said "First I look to see where the hour hand is and then I think about where the minute hand would be to decide about what time it is on the clock."

1. Look closely at the time Liz set. Explain how you can use Liz's thinking to tell the time that is on the clock.
2. Liz moved the hour hand to show the time school starts. She told Diana that the clock showed about 8:30. Do you agree with Liz? Explain why or why not.







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3. Diana and Liz took turns setting the clock to show times different activities started in their school day. Use Liz's strategy to write the start time of each activity. Use your individual clock to help you.

A. Gym Time	B. Lunchtime
	
C. Art Time	D. Dismissal
	

Use the *Broken Clocks* pages in the *Student Activity Book* for more practice using the hour hand to tell time.

Using The Minute Hand

Liz and Diana decided to look at a clock with both a minute hand and an hour hand to see how they work together. They noticed that as the minute hand moved around the clock the hour hand moved from the 12 to the 1, or from 12:00 to 1:00.

 4. Liz moved the minute hand so the clock showed 1:30. Set your own clock to show 1:30.
 - A. Where is the minute hand?
 - B. How far around the clock has it moved since 1:00?
 - C. How many minutes have passed?
 - D. Where is the hour hand?

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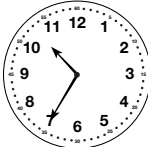
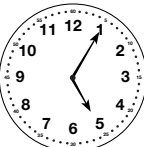
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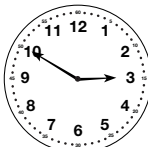

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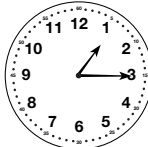

*Answers and/or discussion are included in the lesson.

Answer Key • Lesson 1: Time to the Nearest Five Minutes

Look at each clock. Show the time on your individual clock. Write the time that is shown. Be ready to show or tell how you know.

5.  6. 

7.  8. 

9.  10. 

- 5. 10:35
- 6. 5:05
- 7. 2:50
- 8. 8:10
- 9. 1:15
- 10. 11:40

Complete the *Time Around the Clock* pages in the *Student Activity Book* for more practice telling time to the nearest five minutes.

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Name _____ Date _____

Hours in a Day

What do you do during each hour of a day? Complete the table. Use your individual clock to help you.

Time	Activity
12:00 AM (Midnight)	
1:00 AM	
2:00 AM	
12:00 PM (Noon)	
1:00 PM	
2:00 PM	

Student Activity Book

Hours in a Day (SAB p. 135)

*Responses will vary.

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Student Activity Book- Page 135

*Answers and/or discussion are included in the lesson.

Student Activity Book

Broken Clocks (SAB pp. 137–138)

Questions 1–12

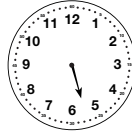
Answers will vary. A reasonable estimate is given for each question.


1. 5:30
2. 8:15
3. 9:15
4. 10:00
5. 12:00
6. 6:45
7. 7:30
8. 11:00
9. Possible response: I saw that the hour hand was halfway between the 7 and the 8. I knew it was 30 minutes after 7 or 7:30.
10. 4:30
11. 1:15
12. Possible response. I saw that the hour hand was a little past the 1 but was not halfway to the 2 yet so I thought it was about 1:15.

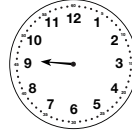
Name _____ Date _____


Broken Clocks

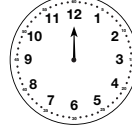
The minute hand is missing from these clocks. Decide the hour and then estimate the number of minutes past the hour. Use your individual clock to help you.


1. 

2. 

3. 

4. 

5. 

6. 


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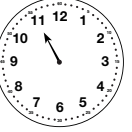
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Name _____ Date _____

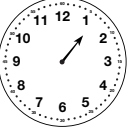
✓ Check-In: Questions 7-12

7. 

8. 

9. Tell how you decided the time shown on the clock in Question 7.

10. 

11. 

12. Tell how you decided the time shown on the clock in Question 11.

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Time to the Nearest Five Minutes

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Name _____ Date _____

The Hour Hand at Home

Dear Family Member:

The class is learning to tell time. Today we focused on the hour hand. Help your child with the times described below the clock. For each clock, your child will show the position of the hour hand only.

Thank you.

Show the position of the hour hand for each time.

<p>1.</p> <p>I get up.</p>	<p>2.</p> <p>I leave for school.</p>
<p>3.</p> <p>I get home.</p>	<p>4.</p> <p>I eat dinner.</p>

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Name _____ Date _____

<p>5.</p> <p>My favorite TV show begins.</p>	<p>6.</p> <p>My favorite TV show ends.</p>
<p>7.</p> <p>10:00</p>	<p>8.</p> <p>7:15</p>
<p>9.</p> <p>3:30</p>	<p>10.</p> <p>5:45</p>

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Time to the Nearest Five Minutes

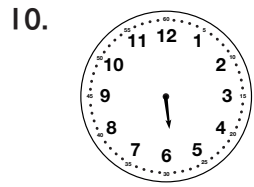
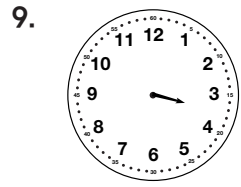
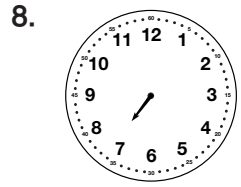
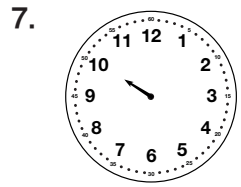
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The Hour Hand at Home (SAB pp. 139–140)

Homework

Questions 1–10

1–6. Answers will vary.

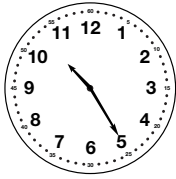


Student Activity Book

Time Around the Clock (SAB pp. 141–142)

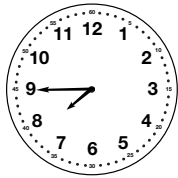
Questions 1–12

1.



2. 2:55

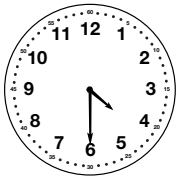
3.



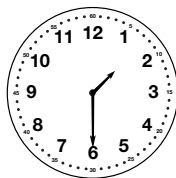
4. 6:10

5. 1:10

6.

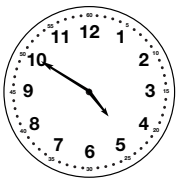


7.



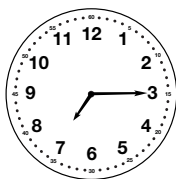
8. 5:20

9.



10. 9:25

11.



12. 12:40

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Name _____ Date _____

Time Around the Clock

Write or draw the times on the clocks below.

1.		2.	
	10:25		
3.		4.	
	7:45		
5.		6.	
			4:30

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Name _____ Date _____

7.		8.	
	1:30		
9.		10.	
	4:50		
11.		12.	
	7:15		

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Name _____ Date _____


Elapsed Time

Draw the hands on the clocks to show the start time and stop time for each student's activity. Then find the time that elapsed during the activity. Give the elapsed time in hours and minutes.

Example



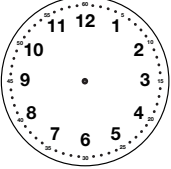
Start time 3:00



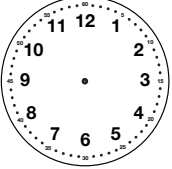
Stop time 3:30

Elapsed time 30 minutes

1. Roberto's homework



Start time 4:30



Stop time 6:30

Elapsed time _____

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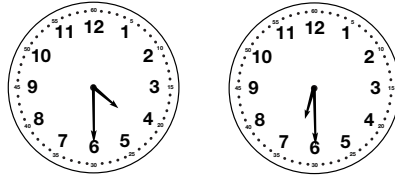
Time to the Nearest Five Minutes
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Elapsed Time (SAB pp. 143–146)

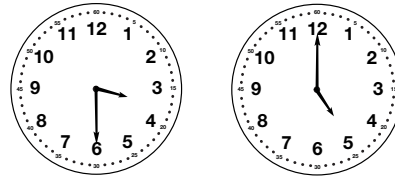
Questions 1–9

1.



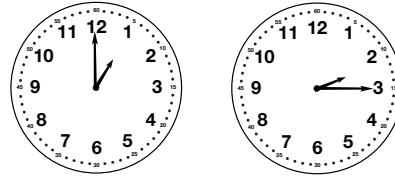
Elapsed time: 2 hours

2.



Elapsed time: 1 hour and 30 minutes, or 90 minutes

3.

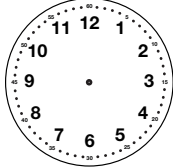


Elapsed time: 1 hour and 15 minutes, or 75 minutes

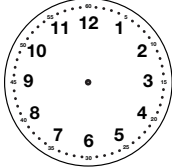
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Name _____ Date _____

2. Shannon's band practice



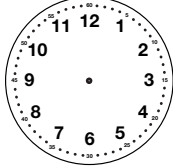
Start time 3:30



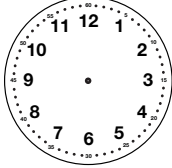
Stop time 5:00

Elapsed time _____

3. Jerome's babysitting



Start time 1:00



Stop time 2:15

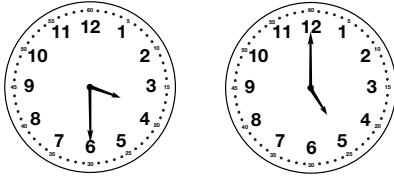
Elapsed time _____

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Time to the Nearest Five Minutes

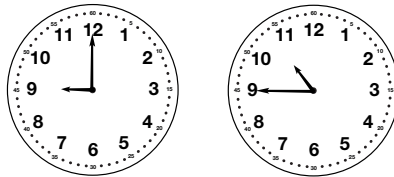
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4.



Elapsed time: 1 hour and 30 minutes, or 90 minutes

5.



Elapsed time: 1 hour and 45 minutes, or 105 minutes

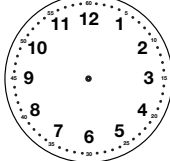
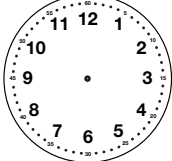
6. 30 minutes. Possible response: When I move the minute hand from 5:30 to 6:00 it moves halfway around the clock or 30 minutes so it took 30 minutes to do the homework.
7. 1 hour and 15 minutes, or 75 minutes
8. 4:40
9. **A.** 45 minutes
B. One possible response: The minute hand will move 30 minutes from 6:30 to 7:00 and then another 15 minutes to 7:15. $30 + 15 = 45$ minute. Another possible response: I skip counted by 5s from 6:30 to 7:15 and I got 45 minutes.

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Name _____ Date _____

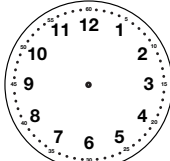
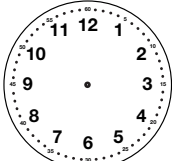
Show the start time, stop time and the elapsed times for each of the following situations.

4. Irma and Nila started practicing their song for the school concert at 3:30. They finished practicing at 5:00.

Start Time  Stop Time 

Elapsed time _____

5. Keenya and John started decorating cookies at 9:00. They decorated the last cookie at 10:45.

Start Time  Stop Time 

Elapsed time _____

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Time to the Nearest Five Minutes **SAB • Grade 3 • Unit 5 • Lesson 1 145**

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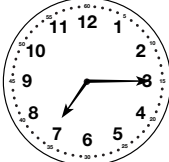
Name _____ Date _____

6. When Nicholas finished his math homework at 6:00 he said it took him too long to do it. He started at 5:30. How long did it take him to do his homework? Show or tell how you decided.

7. Mark started riding his bike at 3:00. He finished his ride at 4:15. How long did Mark ride his bike?

8. Jason said he practiced his violin for 25 minutes. If he started practicing at 4:15 what time did he finish?

9. **A.** Liz started reading her book at 6:30. The clock shows the time when she finished reading. How long did Liz read?



B. Show or tell how you found the answer to Question 9A.

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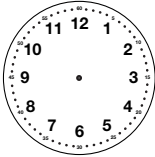
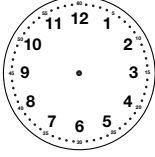
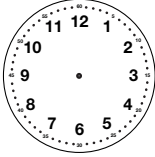
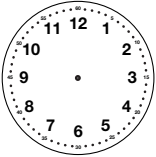
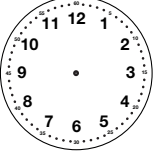
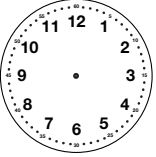
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Name _____ Date _____

Hours and Hours

Draw the hour and minute hands on each clock to show the correct time.
Use your clock.

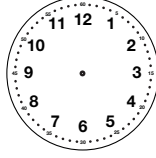
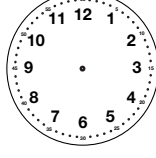
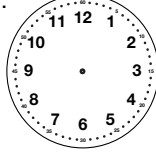
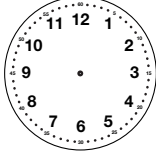
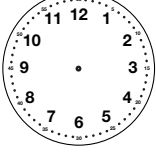
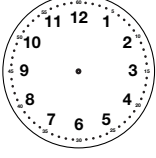
<p>1.  9:00</p> <p>3.  10:00</p> <p>5.  12:00</p>	<p>2.  9:30</p> <p>4.  10:15</p> <p>6.  12:45</p>
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Master TG • Grade 3 • Unit 5 • Lesson 1

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Name _____ Date _____

<p>7.  1:30</p> <p>9.  6:00</p> <p>11.  7:30</p>	<p>8.  1:55</p> <p>10.  6:20</p> <p>12.  7:50</p>
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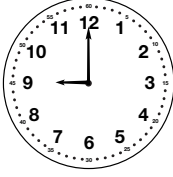
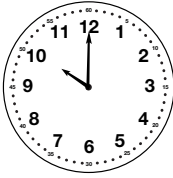
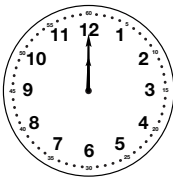
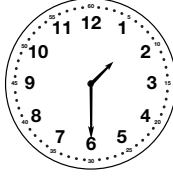
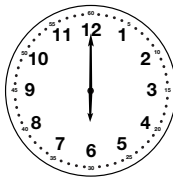
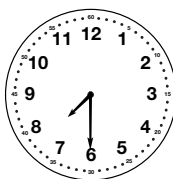
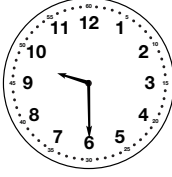
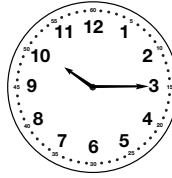
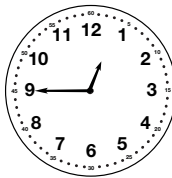
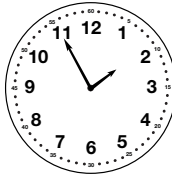
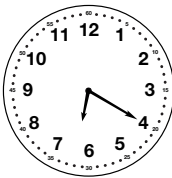
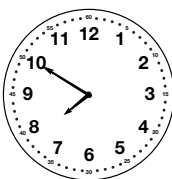
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**Hours and Hours (TG pp. 1–2)
Questions 1–12**

<p>1. </p> <p>3. </p> <p>5. </p> <p>7. </p> <p>9. </p> <p>11. </p>	<p>2. </p> <p>4. </p> <p>6. </p> <p>8. </p> <p>10. </p> <p>12. </p>
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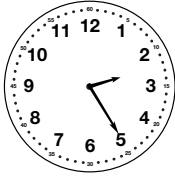
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Time and Time Again (TG pp. 1–3)

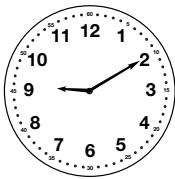
Questions 1–10

- 9:30
- Reasonable estimates include 12:10, 12:15, or 12:20

3.



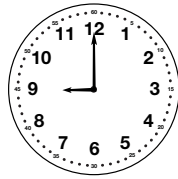
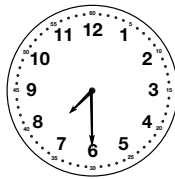
4.



5. 6:10

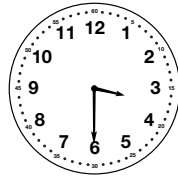
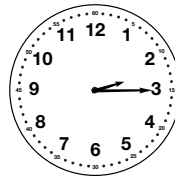
6. 7:55

7.



Elapsed time: 1 hour and 30 minutes, or 90 minutes

8.



Elapsed time: 1 hour and 15 minutes, or 75 minutes

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Name _____ Date _____

Time and Time Again

The minute hand is missing from these clocks. About what time is it? Use your clock.

- _____
- _____

Show the time on your own clock. Then draw the hands on the clocks below.

- 2:25
- 9:10

Write the times that are shown on the clock faces below.

- _____
- _____

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Name _____ Date _____

Show the start time, stop time, and the elapsed time for each of the following problems. Use your clock.

- Richard started to read at 7:30. He read until his dad told him to go to sleep at 9:00.

Start Time

Stop Time

Elapsed time _____
- Emily started cleaning the yard at 2:15. She finished her work at 3:30.

Start Time

Stop Time

Elapsed time _____

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Answer Key • Lesson 1: Time to the Nearest Five Minutes

Name _____ Date _____

9. Mark said it took him 1 hour and 15 minutes to put the newspapers in bags for recycling. He started at 10:30. What time did he finish his work?

10. Liz and her mother went shopping. They were gone for 2 hours and 10 minutes. If they got home at 4:30, what time did they leave?

9. 11:45

10. 2:20

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	Expectation	Check In	Comments
Solve problems involving time measurement to the nearest five minutes. [Q# 7–10]	E2		
Write and tell time to the nearest five minutes. [Q# 1–8]	E4		

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