2nd Grade

Math

April 27 – May 1, 2020

Please circle your teacher’s name:

Ms. Dronet  Mrs. Druey  Mr. Langford

Mrs. Montiforte  Mrs. Ouimet
Dear Family,

This week your child is learning to tell time to the nearest five minutes.

For example, he or she is learning to tell what time this clock shows.

The short hand tells the hour. It's called the hour hand. It's pointing between the 5 and the 6. The hour is 5.

The long hand shows the minutes. It's called the minute hand. It's pointing to 7. Skip count by five 7 times to find how many minutes after five o'clock it is.

5, 10, 15, 20, 25, 30, 35

The time on the clock is 5:35, or 35 minutes after five o'clock.

Digital clocks show time using only numbers instead of hands. They also tell whether it is AM (midnight to noon) or PM (noon to midnight).

AM
PM
5:35

Invite your child to share what he or she knows about telling time by doing the following activity together.
Telling Time Activity

Materials: two crayons of different lengths

Help your child learn to show time on a clock face with this activity.

- Have family members take turns naming their favorite time of day, such as breakfast, bed time, or arriving home.

- Ask your child to place the crayons as the hands on the clock below to show the time of day that each activity happens. Help by naming the times: for example, "I get home from work at 5:20" or "We eat dinner at 6:30."

- Next, place the hands on the clock to show other times, and ask your child to tell the time and describe something that happens at that time.
Lesson 24
Tell and Write Time

Prerequisite: Tell Time to the Half Hour

Study the example showing how to tell time. Then solve Problems 1–6.

Example
Circle the clock that shows 9:00. Say: 9 o’clock

The hour hand points to 9. The minute hand points to 12. So this clock shows 9:00.

The hour hand points halfway between 9 and 10. The minute hand points to 6. So this clock shows 9:30.

1 Circle the clock that shows 2:30.

2 Read the digital clock. Draw the hands on the other clock to show the same time.
Solve.

3 Circle the clock that shows 7:00.

4 Circle the clock that shows 3:30.

5 Read the digital clock. Draw the hands on the other clock to show the same time.

6 It is five o’clock. Fill in the correct time on the digital clock. Draw the time on the other clock.
Tell and Write Time

Study the example showing how to tell and write time. Then solve Problems 1–6.

Example

The first clock shows when Lil started eating dinner. Show the same time on a digital clock.

- The minute hand points to 4. So skip count by five 4 times to find the number of minutes.
- Dinner is in the evening. Draw a dot on the digital clock next to PM.

1 Gino went on a picnic in the afternoon. The first clock shows when the picnic started. Show how the time would look on a digital clock. Be sure to mark AM or PM.

2 Nima’s soccer team plays on Sunday mornings. Her first game started at the time shown on the digital clock. Draw the same time on the other clock.
Solve.

3 Bryce had a piano lesson after school. His lesson ended at the time shown on the digital clock. Draw the same time on the other clock.

4 The first clock shows when Nadya brushed her teeth before school. Show how the time would look on a digital clock. Be sure to mark AM or PM.

5 The first clock shows when Mr. Wade’s class started recess. Show how the time would look on a digital clock. Be sure to mark AM or PM.

6 Eric called his aunt at 10:15 in the morning. Draw hands on the clock to show 10:15. Then write the time on the digital clock. Be sure to mark AM or PM.
Solve the problems.

1. Luis gets home from school at 3:25. Which clock shows the time Luis gets home? Circle all the correct answers.

   A   |   B   |   C   |   D   |
   12  |   3:25|   3:25|   3:25|
   9   |   6   |   7   |   8   |
   11  |   10  |   11  |   12  |
   1   |   2   |   3   |   4   |
   5   |   4   |   3   |   2   |

   What two numbers will the hour hand be between? Should the digital clock show AM or PM?

2. Justin finishes art class at 2:40 in the afternoon. Draw hands on the clock to show 2:40. Then write the time on the digital clock. Be sure to mark AM or PM.

   AM  |   PM  |
   11  |   12  |
   10  |   11  |
   9   |   10  |
   8   |   9   |
   7   |   8   |
   6   |   7   |
   5   |   6   |
   4   |   5   |
   3   |   4   |
   2   |   3   |
   1   |   2   |

   Is the hour hand or minute hand longer? How can you tell if the time is AM or PM?

3. Which number does the minute hand point to when a clock shows 5:10? Circle the correct answer.

   A  10  C  3
   B  5   D  2

   Can you draw a picture to help you?
Solve.

4 Lita’s mom wakes her up to get ready for school at the time shown on the clock. Which digital clock shows the time Lita’s mom wakes her up? Circle the correct answer.


Where does the hour hand point when it is almost the next hour?

5 Rory has dance class on Saturdays at the time shown on the clock. What time does Rory have dance class? Circle the correct answer.

A 3:09  C 9:15
B 3:45  D 9:30

Mike chose B. This is wrong. How did Mike get his answer?
You know how to tell time to the hour and half hour.

Lucy started her piano lesson at the time shown on the clock.
What time does the clock show?

a. The short hand shows the hour. What number did the short hand just go past?
   ______

b. The long hand shows the minutes. It is halfway around the clock. How many minutes are in a half hour?
   ______

c. The time is halfway between which two hours?
   ______:_______and_______:_______

d. What time did Lucy start her piano lesson?
   ______:_______
   hours  minutes
Find Out More

Look at the clock. The short hand is called the **hour hand**. It tells you the **hour**.

![Image of clock with hour hand pointing to 4]

- It takes 1 hour for the **hour hand** to move from one number to the next.
- Since the hour hand has gone past the 4 (but isn’t to the 5 yet), the hour is 4.

The long hand is called the **minute hand**. It tells you the number of **minutes**.

![Image of clock with minute hand pointing to 6]

- It takes 5 minutes for the **minute hand** to move from one number to the next.
- The minute hand is pointing to the 6. Skip count by five 6 times to find the number of minutes. 5, 10, 15, 20, 25, 30

When writing the time, write the hour, then a colon (:), then the minutes. The clock shows 4:30.

Reflect  Work with a partner.

1 Talk About It  Why can you skip count by five to show there are 60 minutes in an hour?

Write About It
Read the problem. Then you will look at ways to tell and write time.

Evan started eating breakfast at the time shown on the clock.
What time does the clock show?

**Picture It** You can use the clock to find the hour and minutes.
The hour hand is between the 7 and the 8.
The minute hand is pointed at the 4.
Skip count by five 4 times to find the minutes.

**Picture It** You can use a digital clock to show the time.
The same time can be shown on a digital clock.
It shows the hour first, then the minutes.
A digital clock shows AM to mean “during the morning” or PM to mean “noon until midnight.”
Connect It  Understand and use the models to solve a new problem.

2 What time did Evan start eating breakfast?
   _____ : _____

3 This clock shows the time Evan finishes breakfast. Tell how you know what the hour is.

4 How can you skip count to find the number of minutes on the clock when Evan finishes breakfast?

5 What time did Evan finish breakfast?
   _____ : _____

Try It  Try another problem.

6 The first clock shows when Mark went to bed. Write the same time on the digital clock. Circle AM or PM.
Study the model below. Then solve Problems 7–9.

Example

Dina went on a bike ride at the time shown on the clock. What time does the clock show?

**You can skip count.**

The hour hand is past the 2, but not to the 3 yet. So, the hour is 2.

The minute hand is on the 9, so skip count by five 9 times to find the number of minutes.

5, 10, 15, 20, 25, 30, 35, 40, 45

**Answer** 2:45

7 Caleb plays basketball on Saturday mornings. His game starts at the time shown on the clock.

Show the same time on the digital clock. Remember to circle AM or PM.
8 Sophia had a meeting at the time shown on the digital clock below. Show the same time on the other clock.

What two numbers will the hour hand be between? What number will the minute hand point to?

9 Jane got home from school at the time shown on the clock. What time did Jane get home?

A 5:15  
B 3:05  
C 3:25  
D 4:25  

Emily chose B as the answer. This answer is wrong. How did Emily get her answer?
Solve the problems.

1. Elsa went to swim practice after school. She finished at 5:45. Which clock shows the time Elsa finished? Circle all the correct answers.

   - AM 5:45
   - B
   - C
   - PM 5:45

   A
   B
   C
   D

2. Where does the hour hand point when a clock shows 10:30? Circle the correct answer.
   
   A at the 6
   B at the 10
   C between the 9 and the 10
   D between the 10 and the 11

3. The minute hand on a clock points at the 10. What time could it be? Circle all the correct answers.
   
   A 10:10
   B 4:50
   C 10:30
   D 8:50
4 Dylan finished his afternoon soccer practice at the time shown on the clock at the right. Which clock below shows the time Dylan finished soccer practice? Circle the correct answer.

A  B  C  D

4:01  4:05  1:20  4:10

5 Robin read until 7:35 in the evening. Draw hands on the clock to show that time. Then write the same time on the digital clock. Be sure to circle AM or PM.

6 The clock at the right is missing the minute hand. It is either 6:05 or 6:55. Which is correct? Explain how the hour hand can help you know the answer.

Self Check

Now you can read and write time.
Fill this in on the progress chart on page 165.
Think It Through

How do you divide shapes into 2, 3, and 4 equal parts?

The circles are divided into equal parts. You use the number of equal parts to name the parts.

one half  one third  one fourth

2 equal parts  3 equal parts  4 equal parts

Think  Equal parts cover an equal amount of the shape.

Think about sharing a sandwich with a friend. You want each piece to be the same size.

These squares show equal parts. So each person gets the same amount.

In this square, one part is bigger than the other.

Draw another way you could share a sandwich equally with a friend. Use the square at the right.
**Think**  
*Equal parts can have different shapes.*

These squares are all the same size. Each smaller shape covers one fourth of the square. So each smaller shape is an equal part of the square.

Think: Divide the square in half. Then divide each half in half.

These squares are the same size as the ones above. Each is divided into 3 equal parts, or thirds. So each smaller shape is an equal part of the square.

**Reflect**  
*Work with a partner.*

1. **Talk About It**  
   Draw two squares that are the same size as the ones above. Divide one into fourths and one into thirds in different ways than above. Which parts are bigger, the fourths or thirds? Explain.

   **Write About It**

   ______________________________________________________

   ______________________________________________________

   ______________________________________________________
Let’s Explore the Idea  Follow the directions for each rectangle.

2. Divide this rectangle into two equal parts.

3. Complete this sentence about the rectangle in Problem 2. Use a word from the box at the right.
   Each part is a ________ of the whole rectangle.
   half  third  fourth

4. Divide this rectangle into three equal parts.

5. Complete this sentence about the rectangle in Problem 4. Use a word from the box at the right.
   Each part is a ________ of the whole rectangle.
   half  third  fourth

6. Divide this rectangle into four equal parts.

7. Complete this sentence about the rectangle in Problem 6. Use a word from the box at the right.
   Each part is a ________ of the whole rectangle.
   half  third  fourth
Let's Talk About It
Work with a partner.

8 How many halves are in the big rectangle in Problem 2?

9 How many thirds are in the big rectangle in Problem 4?

10 How many fourths are in the big rectangle in Problem 6?

Try It Another Way Show a different way to make halves, thirds, and fourths.

11 Show another way to divide a rectangle into halves.

12 Show another way to divide a rectangle into thirds.

13 Show another way to divide a rectangle into fourths.
Talk about these questions as a class. Then write your answers.

14 Explain Carlo and Abe buy the same sandwich. Carlo’s sandwich is cut in thirds. Abe’s sandwich is cut in fourths. Which sandwich has smaller pieces? Explain.

____________________________________________________________

____________________________________________________________

____________________________________________________________

15 Compare Which circle is divided into thirds? Explain.

____________________________________________________________

____________________________________________________________

16 Draw Divide the squares in half two different ways. Make the halves of one square different shapes than the halves of the other square. Try doing the same with the circles. What do you notice?

____________________________________________________________

____________________________________________________________

____________________________________________________________
Put It Together  Use what you have learned to complete this task.

Shara and her mom make these 3 pizzas for a party.

Part A  Shara will have 10 people at the party. Draw how she could cut each pizza so every person gets 1 piece of pizza.

Part B  Shara asks more people to the party. Now there will be 12 people. Draw how she could cut each pizza so every person gets 1 piece of pizza.

Part C  Do you think each person gets an equal amount of pizza? Explain.