Time

Review What You Know

1. Circle the event that takes more time.

2. Circle the event that takes less time.

3. Fill in the missing numbers in the pattern.

0, 5, 10, 15, _____, 25, _____

## Home-School Connection

Dear Family,

Today my class started Topic 10, **Time.** I will learn to tell time to the hour and half hour. Here are some of the new math words I will be learning and some things we can do to help me with my math.

Love,

_____

Book to Read

Reading math stories reinforces concepts. Look for this title in your local library:

Bunny Day: Telling Time from Breakfast to Bedtime by Rick Walton
(HarperCollins, 2002)
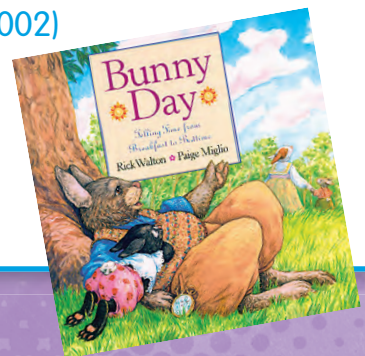
Home Activity

Help your child make a schedule of the activities he or she does on a school day. Include the time each activity starts.

Tuesday Schedule	
7:30	eat breakfast
8:00	go to school
3:00	come home
3:30	do homework
5:00	eat dinner

My New Math Words

hour hand

The short hand is the hour hand. The hour hand shows the hour.

It is 4 o'clock.

minute hand

The long hand is the minute hand. The minute hand shows the minute.

It is 4:30.

schedule

a list that shows what time events happen

Library Schedule	
Time	Activity
1:30	Story Time
2:00	Crafts
3:00	Computers
3:30	Homework Help

Time Counts

Number of players: 2

How to Play

1. Take turns. Choose a spinner. Spin and read the time.

2. Find the clock that shows the time you spun. Say the time. Then cover the clock with a counter.

3. If the clock is already covered, your turn is over.

4. Play until all of the clocks are covered.

Spinner 1: 8:00 9:00 7:00 10:00 12:00 11:00

Spinner 2: 2:00 3:00 1:00 4:00 6:00 5:00

What You Need

12 counters
2 paper clips
2 pencils

Understanding the Hour and Minute Hands
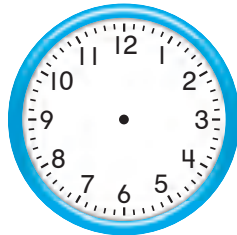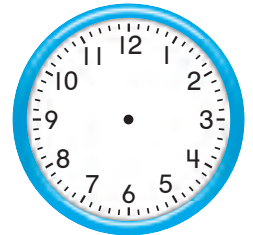
I. _____ o'clock
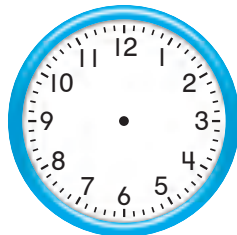
2. _____ o'clock

3. _____ o'clock
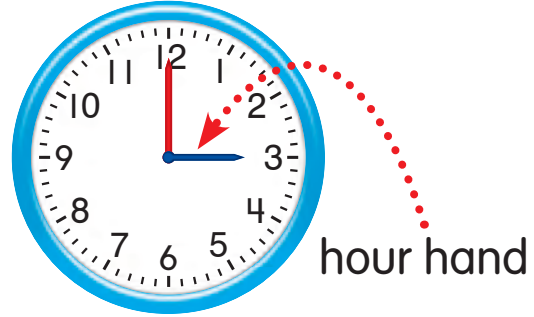
4. _____ o'clock
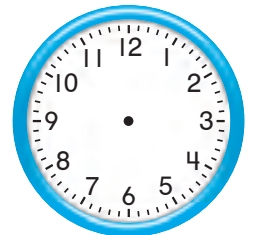
Home Connection Your child told time to the hour and showed the time by drawing hands on a clockface.
**Home Activity** Draw a clock face with the time on the hour and ask your child to read it.

MG I.0 , Grade K Students understand the concept of time and units to measure it; they understand that objects have properties, such as length, weight, and capacity, and that comparisons may be made by referring to those properties.

The short hand is the **hour hand**.
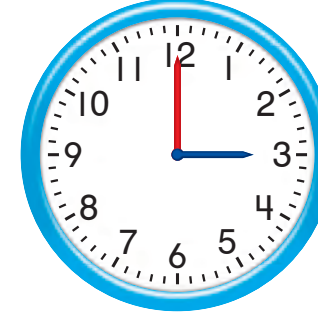The hour hand points to the **hour**.

hour hand

The long hand is the **minute hand**.
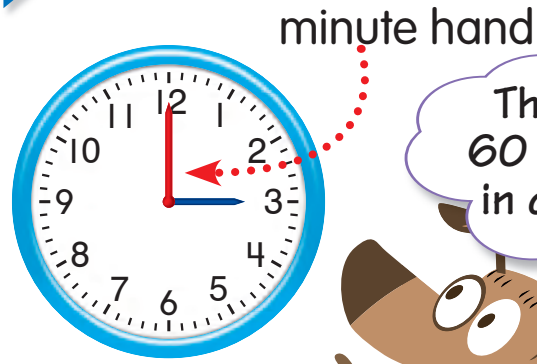
minute hand

There are 60 **minutes** in an hour.

When the minute hand points to 12, we say **o'clock**.

The hour hand is on 3. The minute hand is on 12.

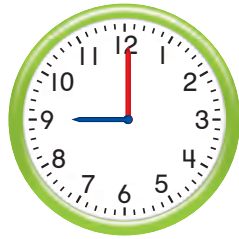This clock shows 3 o'clock.

Guided Practice
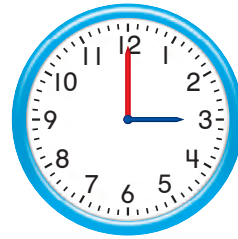
Write the time shown on each clock.
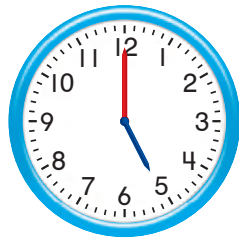
1.
_____ o'clock

2.
_____ o'clock

3.
_____ o'clock

4.
_____ o'clock

5.
_____ o'clock

6.
_____ o'clock

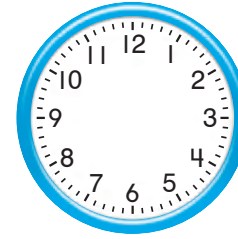**Do you understand?** How is the hour hand different from the minute hand?
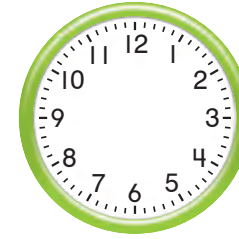
Independent Practice

Draw the hour and minute hands to show the time.
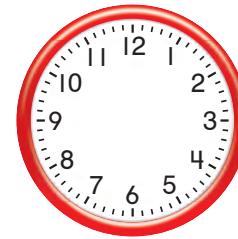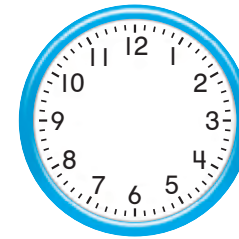
7.
10 o'clock

8.
2 o'clock
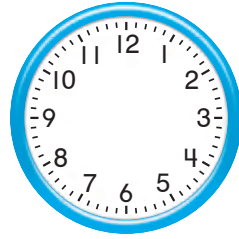
9.
11 o'clock

10.
12 o'clock

11.
6 o'clock

12.
1 o'clock

Reasoning Write the time that is in between.
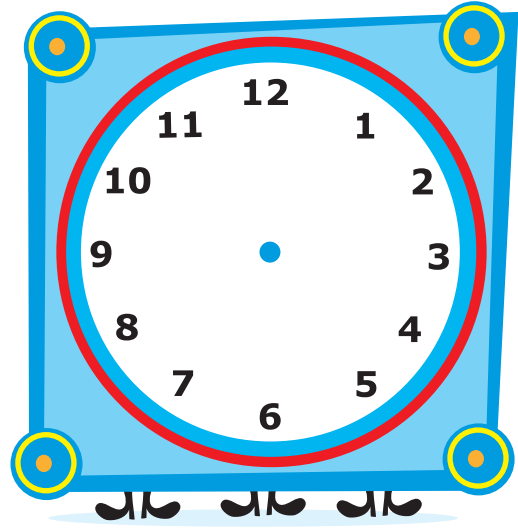
13.
8 o'clock   _____ o'clock   10 o'clock
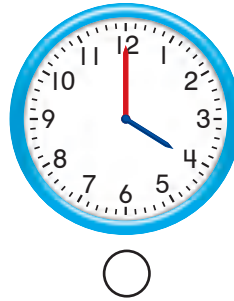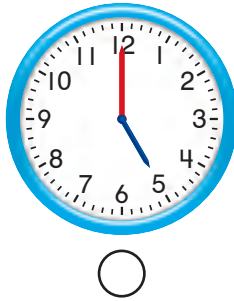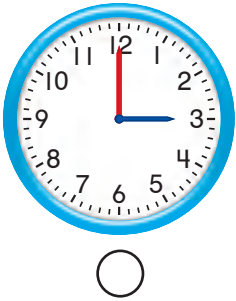
Solve the problems below.

14. Sarah wakes up at 7 o'clock.
Draw the hands on the clock
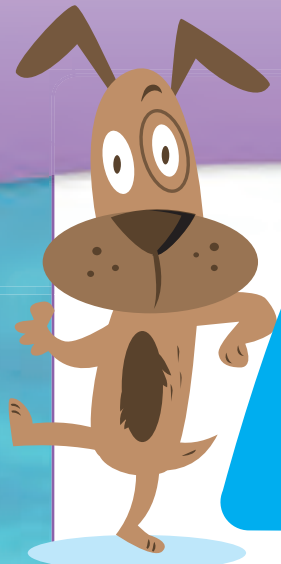to show 7 o'clock.

15. Bill likes to read at 4 o'clock every day.
Which clock shows the correct time?
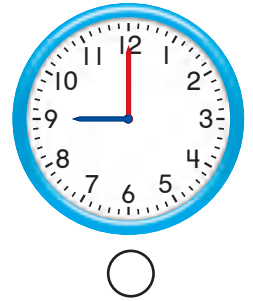
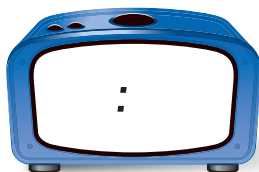**16.** **Journal** Write two activities you like to do.
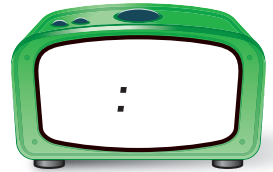Draw a clock for each activity to show what
times you might do them.

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Telling and Writing Time to the Hour

1.

2.

3.

4.

Luke eats breakfast at 7 o'clock.
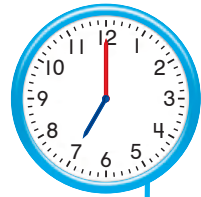
This clock shows 7 o'clock.

This clock shows 7 o'clock another way.
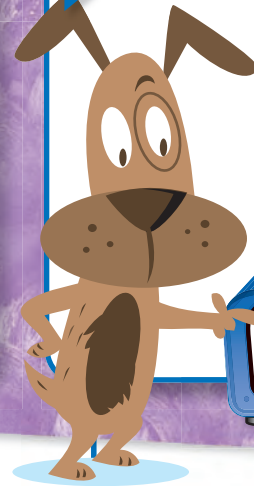
7 tells the hour. OO tells the minutes.

You write 7:00 and say 7 o'clock.

7:00

Guided Practice

Draw the hands on each clock face.
Then write the time on the other clock.

1.

3:00
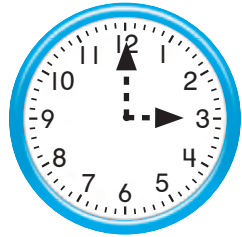
3 o'clock

2.

:
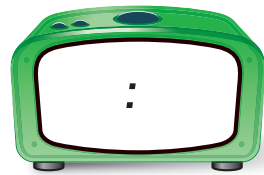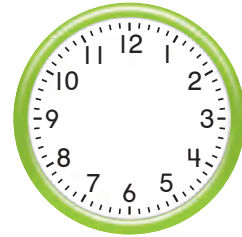
5 o'clock

3.

:
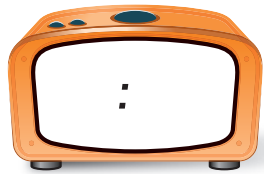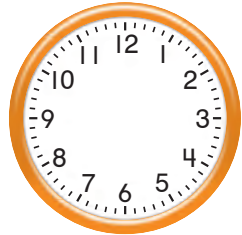
12 o'clock

4.
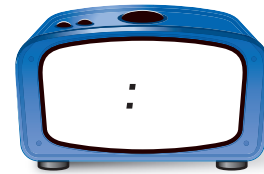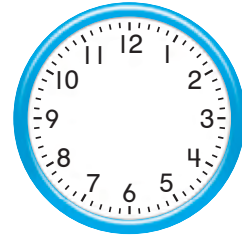
:

11 o'clock

Do you understand? How far does the hour hand move in one hour? How far does the minute hand move in one hour?

Independent Practice

Draw the hands on each clock face.
Then write the time on the other clock.

5.

:

2 o'clock

6.

:
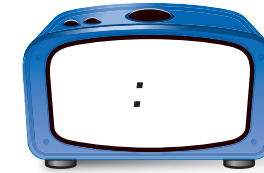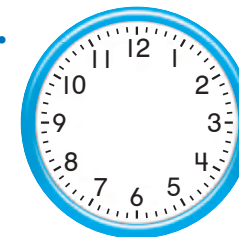
4 o'clock

7.

:

6 o'clock

8

:

9 o'clock

Algebra Write the missing times.

9.

6:00, 7:00, ___ : ___, 9:00, 10:00, ___ : ___

Solve the problems below.

10. Raul starts riding his bike at 1:00.
He rides for 1 hour.
What time does Raul stop?
Draw the clock hands.
Then write the time.

11. Which clock shows the
same time as this clock?

| 12:00 | 8:00 | 6:00 | 5:00 |
| ○ | ○ | ○ | ○ |

12. **Journal** How are a digital clock and a clock
with a face different?

_____

_____

_____

_____

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Telling and Writing Time to the Half Hour

12:30
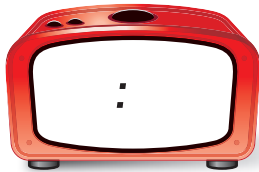
1. At [:] , the hour hand is between _____ and _____.

The minute hand is on _____.

2. At [:] , the hour hand is between _____ and _____.
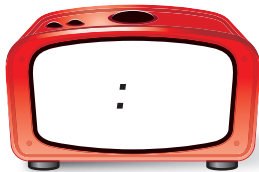
The minute hand is on _____.
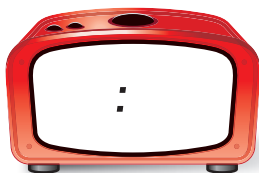
3. At [:] , the hour hand is between _____ and _____.

The minute hand is on _____.

Home Connection Your child told and wrote time to the half hour on analog and digital clocks.
Home Activity Notice whenever your clock at home shows the half hour. Ask your child to tell and write the time.
MG 1.2 Tell time to the nearest half hour and relate time to events (e.g., before/after, shorter/longer).

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A **half hour** is 30 minutes.
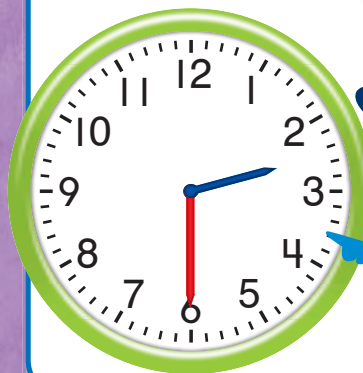
When the minute hand is on 6, we can say 30 or half past the hour.

The hour hand is halfway between 2 and 3.

It is half past 2 or 2:30.

2:30

Guided Practice

Write the numbers to complete each sentence. Write the time.

1. The hour hand is between __7__ and __8__.
   The minute hand is on __6__.

   7:30

2. The hour hand is between ____ and ____.
   The minute hand is on ____.

   :
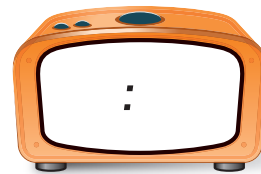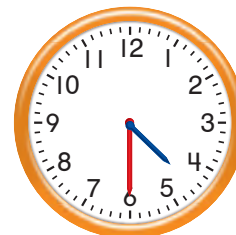
3. The hour hand is between ____ and ____.
   The minute hand is on ____.

   :
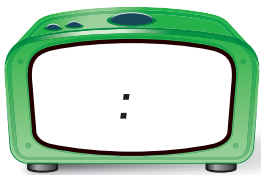
Do you understand? Why is the hour hand between 6 and 7 when it is 6:30?

Independent Practice

Write the time shown on each clock.

4.

   :

5.

   :

6.

   :

7.

   :
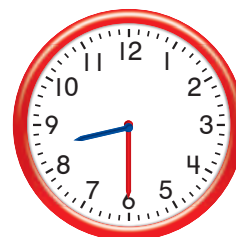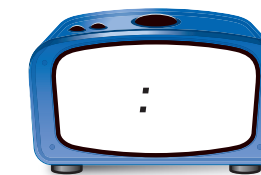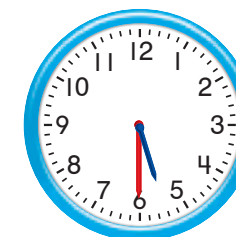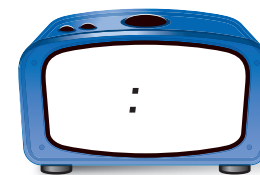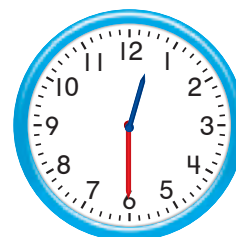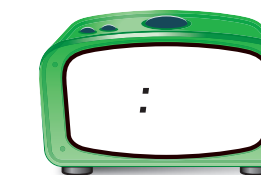
Algebra Look at the pattern. Write the missing times.

8.
   6:00, 6:30, 7:00, ____, 8:00, ____ , ____

Solve the problems below.

9. Sandy walked her dog at 3:00.
She walked for 30 minutes.
What time did she get home?
Draw the clock hands.
Write the time.
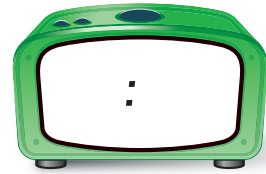
10. Which clock shows the
same time as this clock?

12:30 ○   1:30 ○   2:30 ○   3:30 ○

11. ✏️ **Journal** Show 8:00 on the first clock. On the
second clock, show the time 30 minutes later.
Is the hour hand still on 8? Explain.

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Estimating and Ordering Lengths of Time

Activity	How long does it take?		
	about I minute	about I hour	about I day
	about I minute	about I hour	about I day
	about I minute	about I hour	about I day

Home Connection Your child chose three activities taking different lengths of time and estimated how long each would take.

Home Activity Ask your child about how long it will take to eat dinner. Then check the time to see how close the estimate was.

MG I.2 Tell time to the nearest half hour and relate time to events (e.g., before/after, shorter/longer).

You can estimate about how long an activity takes.

about I minute

about I hour

about I day

You can order the activities from longest time to shortest time.

longest _visiting a museum_

playing a game

shortest _washing hands_

About how long does each activity take?
Circle your estimate.

Activity	How long does it take?		
1.	about I minute	about I hour	(about I day)
2.	about I minute	about I hour	about I day
3.	about I minute	about I hour	about I day
4.	about I minute	about I hour	about I day

Do you understand? Which of the 4 activities above takes the most time? Which takes the least time?

About how long does each activity take?
Circle your estimate.

Activity	How long does it take?		
5.	about I minute	about I hour	about I day
6.	about I minute	about I hour	about I day
7.	about I minute	about I hour	about I day

Reasonableness Put the activities from above in order from shortest time to longest time.

8. _____ _____ _____
shortest   longest

Solve the problems below.

9. Jean is learning to play the piano. Should she practice each day for about I minute or about I hour?

_____
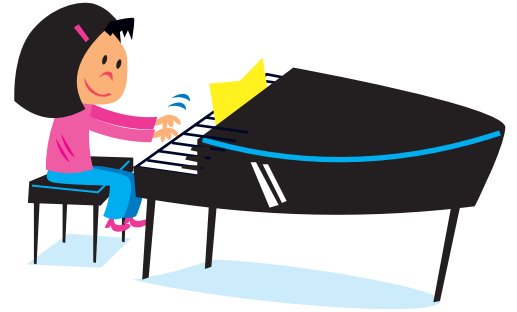
10. Which activity takes the longest amount of time?

○   ○   ○   ○

11. ✏️ **Journal** List or draw 3 things that you do in the morning. Write them in order with the shortest activity first.

FOLD

Problem Solving

Use Data from a Table

Afternoon Schedule	
Time	**Activity**

Read and Understand

What class is between Reading and Recess in Mr. Diaz's room?

I can check the class ==schedule==.

Plan

Mr. Diaz's Class Schedule

Time	Activity
8:00	📕 Reading
9:00	Math
10:00	🏀 Recess
10:30	🖌 Art
11:30	🥪 Lunch

Solve

Math is between Reading and Recess. Math starts at 9 o'clock.

Look Back and Check

I can go back to the table to check my answers.

Guided Practice

Use Mr. Diaz's Class Schedule to answer the questions.
Circle the activity that starts at the time shown.

1. 🕗 (8:00)

Recess　　　Art　　　(Reading)

2. ⏰ 10:30

Art　　　Recess　　　Lunch

3. 🕛 (12:00)

Reading　　　Lunch　　　Math

Do you understand? What happens 1 hour after Art begins?

Independent Practice

Use the schedule to answer the questions.

4. What activity do children do just before the Bird Watch?

_____

5. What activity do children do just after Lunch?

_____

6. What time does Pick Flowers begin?

_____

7. Which activity starts at 12:00?

_____

Nature Trip

Time	Activity
10:00	🏃 Walk
11:00	🐥 Bird Watch
12:00	🥪 Lunch
12:30	Make a Birdhouse
1:30	🌼 Pick Flowers

Use the table to answer the questions.

8. Which activities take a half hour?

_____

Camp Schedule	
Time	**Activity**
12:30	Swimming
1:30	Baseball
2:00	Snack
2:30	Animal Talk
3:30	Art

9. What time does Animal Talk begin?

12:30 ○   1:30 ○   2:30 ○   3:30 ○

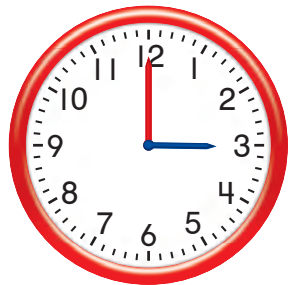**10.** ✏️ **Journal** Make a schedule of things you do after school.

After School Schedule	
Time	**Activity**

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Name _____

1

6 o'clock	7 o'clock	11 o'clock	12 o'clock
○	○	○	○

2

12:00	1:00	2:00	3:00
○	○	○	○

3

6:30	6:00	1:30	1:00
○	○	○	○

4

1 minute	1 hour	1 day	2 days
○	○	○	○

5

SPORTS CAMP SCHEDULE	
Time	**Activity**
10:00	Softball
11:00	Soccer
11:30	Swimming
12:30	Lunch
1:30	Tennis

Softball	Soccer	Swimming	Tennis
○	○	○	○

6

11:00	11:30	12:00	12:30
○	○	○	○

Oral Directions Say: Mark the correct answer. **1.** Which time is shown on the clock? **2.** Which digital clock shows the same time as the clock with hands? **3.** Which time is shown on the clock?

Oral Directions Say: Mark the correct answer. **4.** About how long does it take to pour a glass of milk? **5.** Use the table to answer this question. Which activity starts at 10:00? **6.** Use the table to answer this question. At which time does swimming begin?

Reteaching

Set A

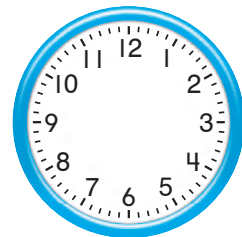You can draw the hour and minute hands to show the time.

8 o'clock

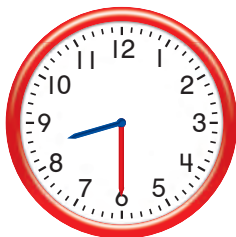Draw the hour and minute hands to show the time.

1 3 o'clock

2 11 o'clock

Set B

What time do the clocks show?

half past __8__

or __8__ : __30__

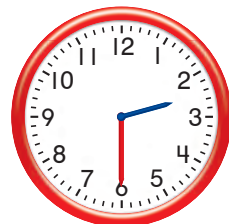Write the time shown on each clock.

3 7:30   half past _____

or _____ : _____

4 half past _____

or _____ : _____

5 10:30   half past _____

or _____ : _____

Set C

You can order activities by the amount of time it takes to do them.

longest   shortest

Circle the activity that takes the shortest amount of time. Put an X on the activity that takes the longest amount of time.

6

Set D

You can estimate about how long an activity takes. Circle your estimate.

about   about   about
I minute   I hour   I day

About how long does each activity take? Circle your estimate.

7

about   about   about
I minute   I hour   I day

8

about   about   about
I minute   I hour   I day