

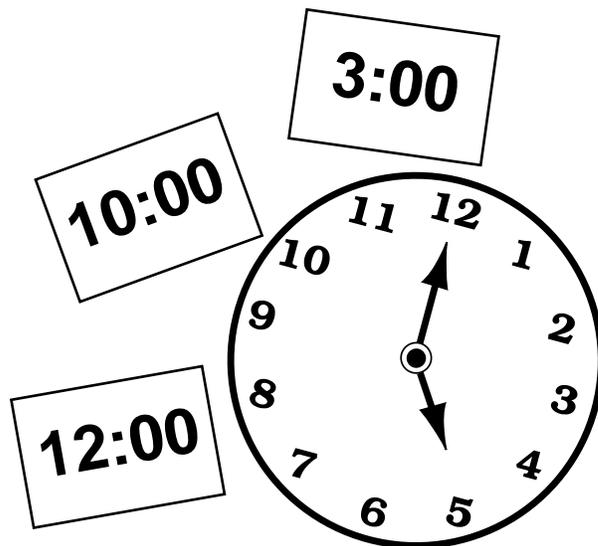
## Learning Notes

In this unit children . . .

- learn to tell time to the hour.
- learn to write the time to the hour.

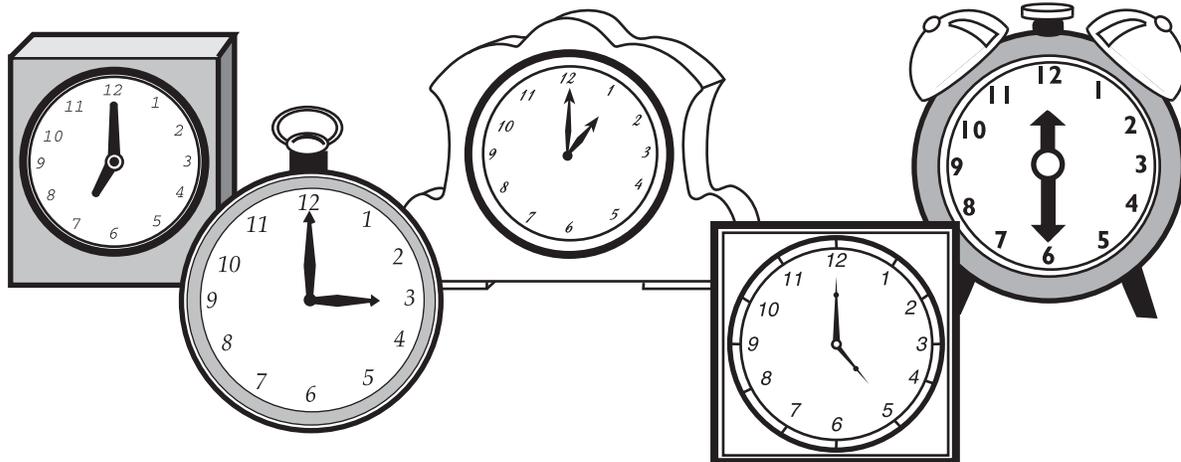
## Materials

- copies of the clock on page 6 on cardstock or construction paper (The clock could also be copied onto plain paper, cut out, and glued onto a 9" or 23 cm paper plate. Cut out the clock and the hour and minute hands. Use a paper fastener to attach the hands to the face of the clock.)
- twelve 3" x 5" (8 cm x 13 cm) index cards with the times 1:00 to 12:00 written on them (See some examples on the right.)



## Teaching the Lesson

1. Go over the different parts of the clock with the children—the *face* with the numbers 1 to 12 written on it, the *hour hand*, and the *minute hand*.
2. Hold up the time card that shows 7:00. Show the children how to make 7:00—the hour hand points to the 7, and the minute hand points straight up to the 12 for 0 minutes (or o'clock).
3. Show the children the other time cards and have them practice making the times on their clocks.
4. Take out the clock card that shows the time 3:00. Ask the children if anyone can read the time. Point to the hour hand. Ask the children, “What hour is the hour hand pointing to?” (*The 3*) Ask, “What number is the minute hand pointing to?” (*12*) Ask, “How many minutes is that?” (*0*) Ask, “What is the time?” (*The time is 3 o'clock.*)
5. The clock cards and the time cards can also be used to play matching games or Concentration.
6. Go over the practice pages with the children.



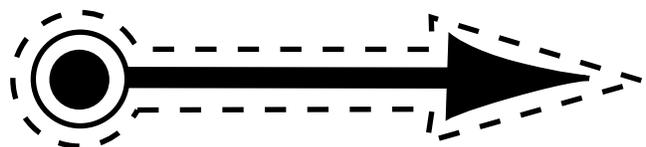
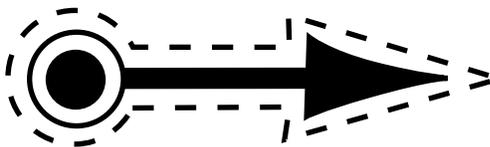
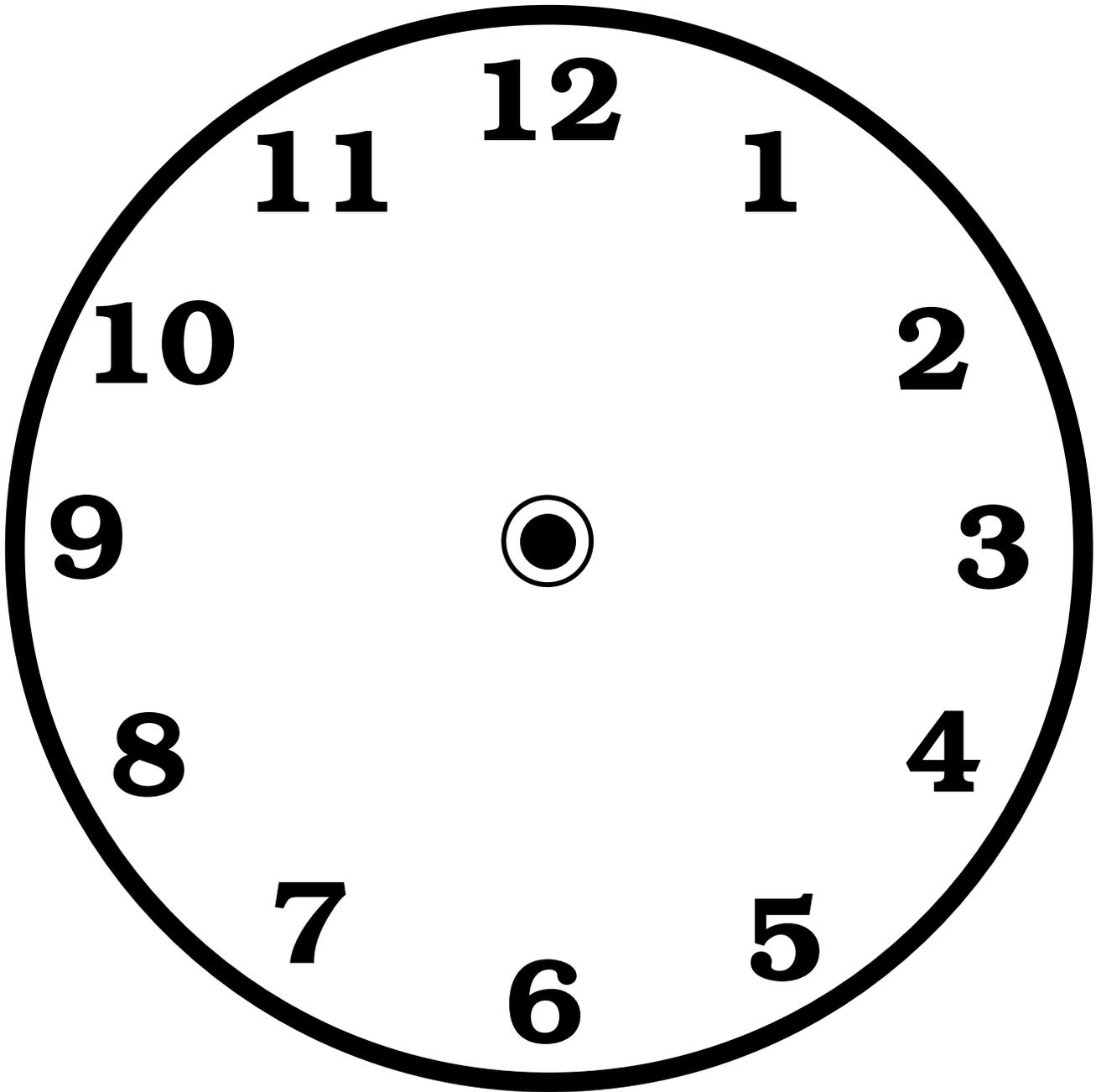
1

Practice



Making Your Own Clock

**Directions:** Copy the clock onto construction paper or cardstock. Cut out the pieces and use a paper fastener to attach the hour and minute hands to the face of the clock.



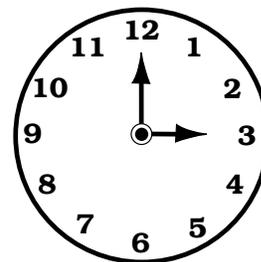
## 1

## Practice

## ••••• Using the Hour and Minute Hands

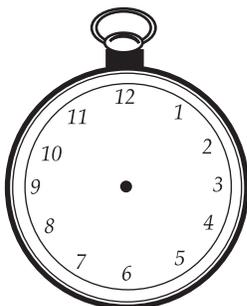
A clock has two “hands” called the “hour hand” and the “minute hand.” The *hour hand* is shorter and tells the hour. The *minute hand* is longer and tells the number of minutes.

The minute hand is pointing to the number 12. That means there are (0) minutes in this hour. Zero minutes are written like this :00. The hour hand is pointing to the 3. The time is 3 o'clock or 3:00.



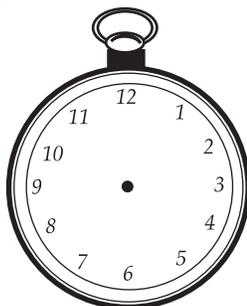
**Directions:** Read the time below each clock. Draw the hour and minute hands to show the correct time.

1.



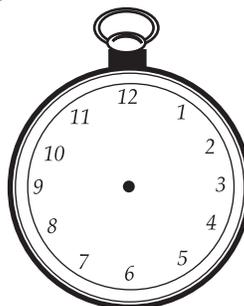
7:00

2.



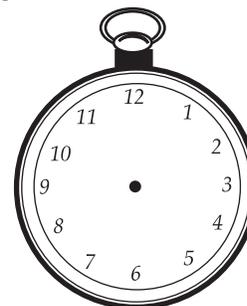
1:00

3.



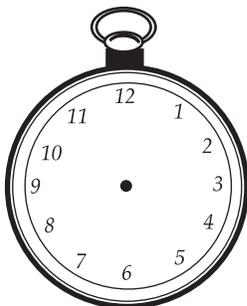
12:00

4.



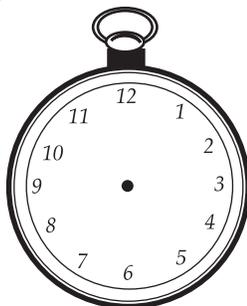
4:00

5.



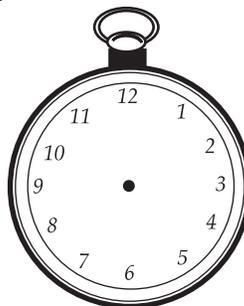
3:00

6.



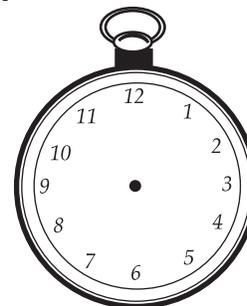
9:00

7.



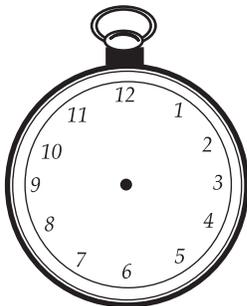
5:00

8.



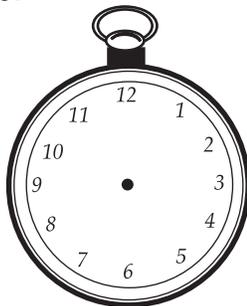
11:00

9.



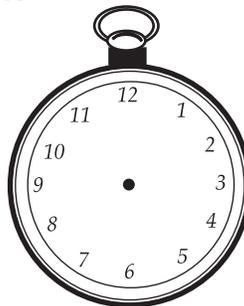
6:00

10.



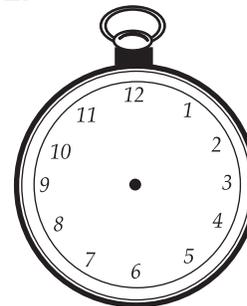
10:00

11.



2:00

12.



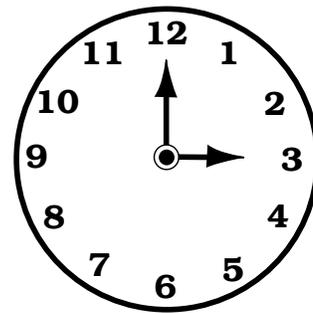
8:00

A clock has two “hands.” One hand is called the “hour hand” and the other hand is called the “minute hand.” The *hour hand* is shorter and tells the hour. The *minute hand* is longer and tells the number of minutes.

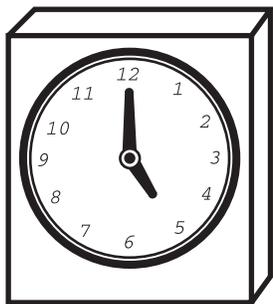
The hour hand is pointing to the 3. The time is 3 o'clock or 3:00.

The minute hand is pointing to the number 12. That means there are (0) minutes in this hour. Zero minutes are written like this :00.

**Directions:** Read the time on each clock. Write the correct time on each line.

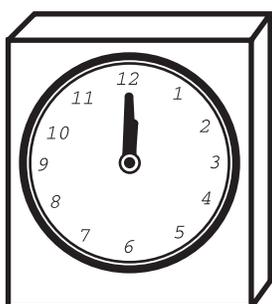


1.



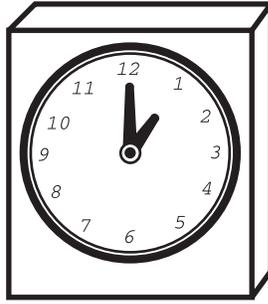
\_\_\_\_ : \_\_\_\_

2.



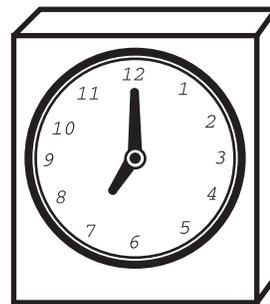
\_\_\_\_ : \_\_\_\_

3.



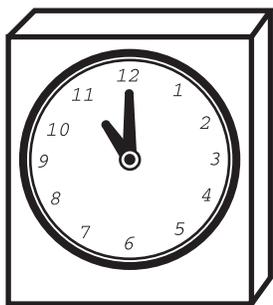
\_\_\_\_ : \_\_\_\_

4.



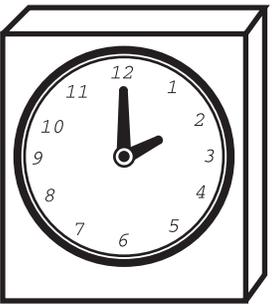
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5.



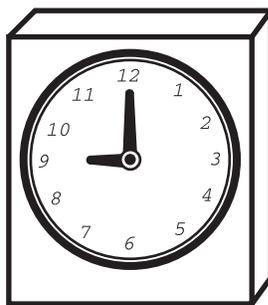
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6.



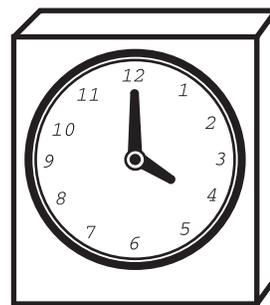
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7.



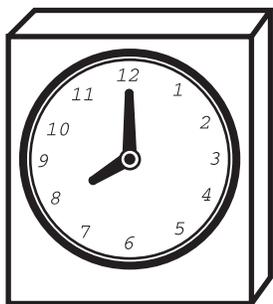
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8.



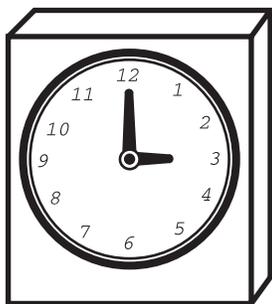
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9.



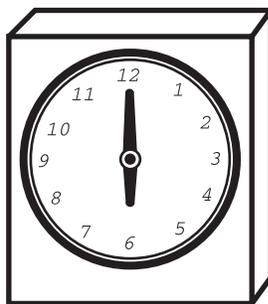
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10.



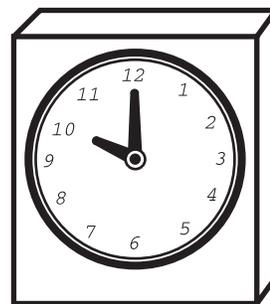
\_\_\_\_ : \_\_\_\_

11.



\_\_\_\_ : \_\_\_\_

12.

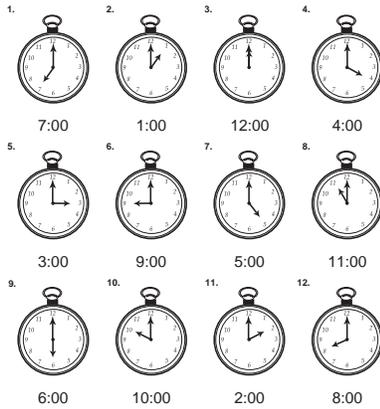


\_\_\_\_ : \_\_\_\_



# Answer Key

## Page 7



## Page 8

- 5:00
- 12:00
- 1:00
- 7:00
- 11:00
- 2:00
- 9:00
- 4:00
- 8:00
- 3:00
- 6:00
- 10:00

## Page 10

- 2:30
- 4:30
- 12:30
- 5:30
- 9:30
- 1:30
- 10:30
- 6:30

## Page 11

1.	12:30		half past 10
2.	3:30		half past 1
3.	1:30		half past 12
4.	5:30		half past 2
5.	9:30		half past 3
6.	7:30		half past 9
7.	10:30		half past 5
8.	2:30		half past 7

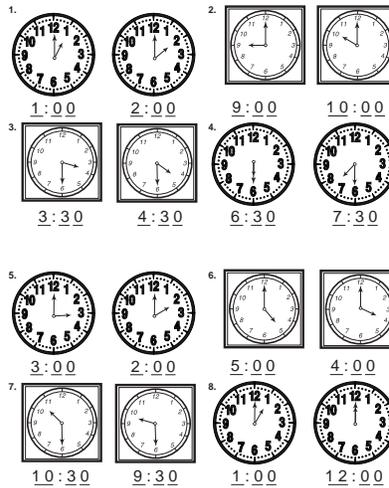
## Page 12

- a quarter 'til 5
- a quarter past 9
- a quarter past 12
- a quarter past 1
- a quarter past 4
- a quarter 'til 7
- a quarter 'til 3
- a quarter past 5
- a quarter past 8
- a quarter 'til 12
- a quarter 'til 7
- a quarter past 10

## Page 14

- |         |         |
|---------|---------|
| 1. A.M. | 5. P.M. |
| 2. P.M. | 6. A.M. |
| 3. P.M. | 7. P.M. |
| 4. P.M. | 8. A.M. |

## Page 15



## Page 16

- Jermaine went to the soccer game. The game began at 2:00 P.M. and lasted 2 hours. What time did the soccer game end?  
The soccer game ended at 4:00 P.M.
- Sally played basketball for 1 hour. She began playing at 9:00 A.M. What time did Sally finish playing basketball?  
Sally finished playing basketball at 10:00 A.M.
- Herb made a chocolate cake and put it in the oven to bake for an hour. He put the cake in the oven at 4:00 P.M. What time did Herb take the cake out of the oven?  
Herb took the cake out of the oven at 5:00 P.M.
- Tyra went to a friend's birthday party. The party began at 6:00 P.M. The party lasted 3 hours. What time did the party end?  
The party ended at 9:00 P.M.
- Patrick and Emily went to the beach on Saturday. They left their house at 10:00 A.M. If they returned 5 hours later, what time did they return home?  
Patrick and Emily came home at 3:00 P.M.

Starting Time	Ending Time
 2 : 0 0	 4 : 0 0
 9 : 0 0	 10 : 0 0
 4 : 0 0	 5 : 0 0
 6 : 0 0	 9 : 0 0
 10 : 0 0	 3 : 0 0

## Page 18

- 7:30 P.M.—1 student  
8:00 P.M.—6 students  
8:30 P.M.—4 students  
9:00 P.M.—3 students after 9:00 P.M.—0 students
- 8:00 P.M.
- after 9:00 P.M.

## Page 19

Answers will vary.

## Page 20

- 9:35
- 10:50
- 5:15
- 3:25
- 12:10
- 2:40

## Page 22

- |               |                |
|---------------|----------------|
| 1. 10 pennies | 6. 37 pennies  |
| 2. 25 pennies | 7. 15 pennies  |
| 3. 17 pennies | 8. 12 pennies  |
| 4. 11 pennies | 9. 30 pennies  |
| 5. 18 pennies | 10. 35 pennies |

## Page 23

Count by 5's: 5, 10, 15, 20, 25, 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100

- 55¢
- 35¢
- 15¢
- 45¢
- 40¢
- 50¢

## Page 24

Count by 10's: 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

- 90¢
- 70¢
- 40¢
- 60¢
- 41¢
- 45¢

## Page 26

Number of Quarters	fraction of a dollar	cents	words
	\$0.25	25¢	twenty-five cents
	\$0.50	50¢	fifty cents
	\$0.75	75¢	seventy-five cents
	\$1.00	100¢	one dollar
	\$1.25	125¢	one dollar and twenty-five cents

- \$0.99
- \$0.80