## Eureka Math<sup>™</sup> Grade 1, Module 5

## Student File\_A

Contains copy-ready classwork and homework as well as templates (including cut outs)

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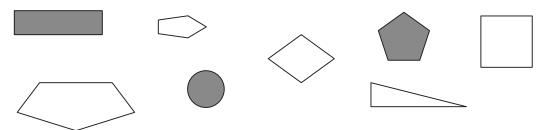
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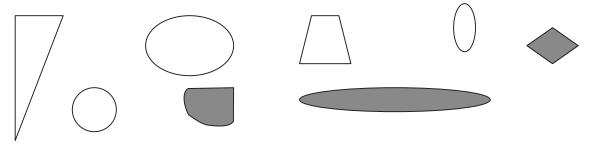
10 9 8 7 6 5 4 3 2 1

Date \_\_\_\_

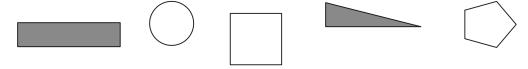
1. Circle the shapes that have 5 straight sides.



2. Circle the shapes that have no straight sides.



3. Circle the shapes where every corner is a square corner.



a. Draw a shape that has 3 straight sides.

b. Draw another shape with 3 straight sides that is different from 4(a) and from the ones above.

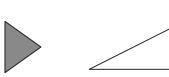


Lesson 1:

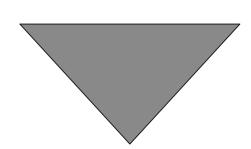
Classify shapes based on defining attributes using examples, variants, and non-examples.

5. Which attributes, or characteristics, are the same for all of the shapes in Group A?

GROUP A







They all \_\_\_\_\_

They all \_\_\_\_\_

6. Circle the shape that best fits with Group A.









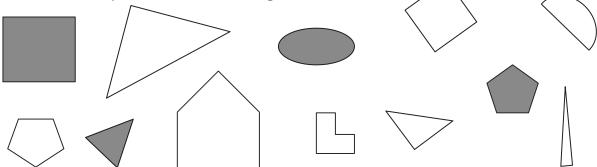
7. Draw 2 more shapes that would fit in Group A.

8. Draw 1 shape that would not fit in Group A.

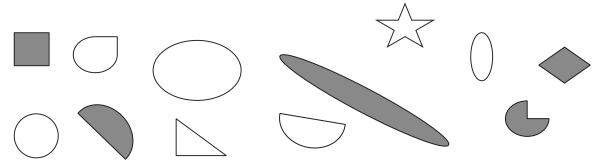
Name

Date

1. Circle the shapes that have 3 straight sides.



2. Circle the shapes that have no corners.

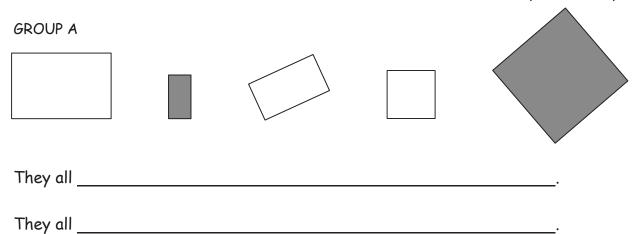


3. Circle the shapes that have only square corners.

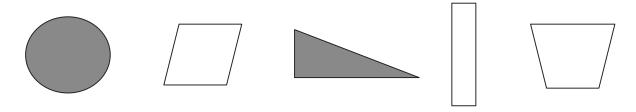


- a. Draw a shape that has 4 straight sides.
- b. Draw another shape with 4 straight sides that is different from 4(a) and from the ones above.

5. Which attributes, or characteristics, are the same for all of the shapes in Group A?



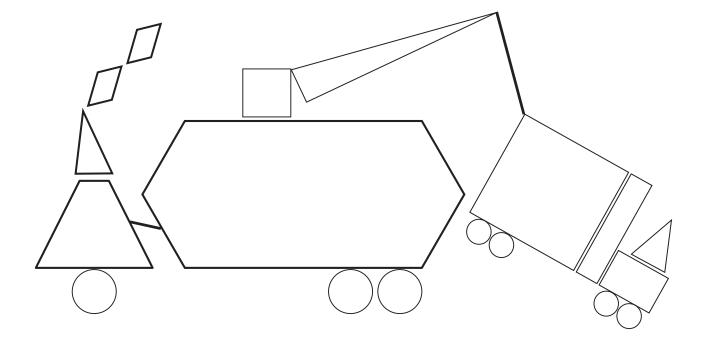
6. Circle the shape that best fits with Group A.



7. Draw 2 more shapes that would fit 8. Draw 1 shape that would not fit in in Group A. Group A.

Date \_\_\_\_\_

1. Use the key to color the shapes. Write how many of each shape are in the picture. Whisper the name of the shape as you work.

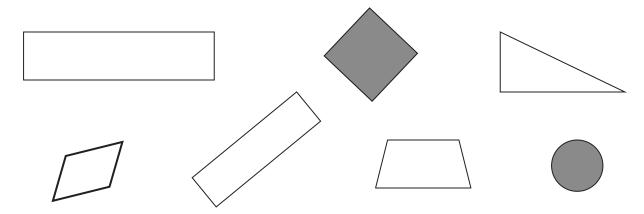


a. RED-4-sided shapes: \_\_\_\_\_ b. GREEN-3-sided shapes: \_\_\_\_\_

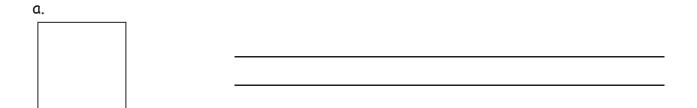
c. YELLOW—5-sided shapes: \_\_\_\_ d. BLACK—6-sided shapes: \_\_\_\_

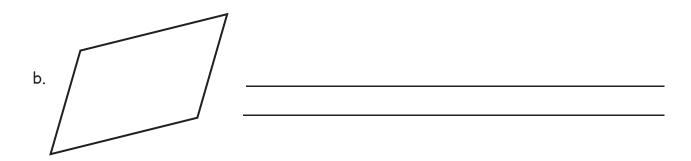
e. BLUE—shapes with no corners: \_\_\_\_\_

2. Circle the shapes that are rectangles.



3. Is the shape a rectangle? Explain your thinking.





	<b>.</b> .
Name	Date

1. Color the shapes using the key. Write the number of shapes you colored on each line.

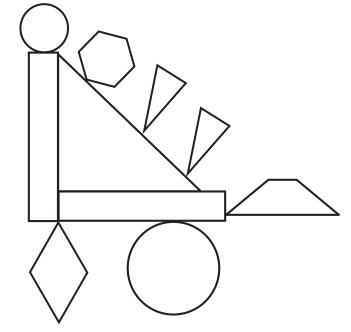
Key

RED 3 straight sides:

BLUE 4 straight sides:

GREEN 6 straight sides:

YELLOW 0 straight sides: \_\_\_\_\_



2.

- a. A triangle has \_\_\_\_ straight sides and \_\_\_\_ corners.
- b. I colored \_\_\_\_ triangles.

3.

- a. A hexagon has \_\_\_\_ straight sides and \_\_\_\_ corners.
- b. I colored \_\_\_\_ hexagon.

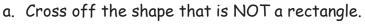
4.

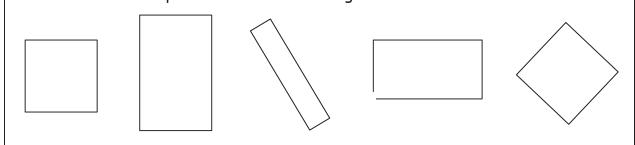
- a. A circle has \_\_\_\_ straight sides and \_\_\_\_ corners.
- b. I colored \_\_\_\_ circles.



5.

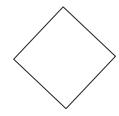
- a. A rhombus has \_\_\_\_ straight sides that are equal in length and \_\_\_\_ corners.
- b. I colored \_\_\_\_ rhombus.
- 6. A rectangle is a closed shape with 4 straight sides and 4 square corners.



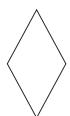


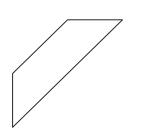
- b. Explain your thinking:
- 7. A rhombus is a closed shape with 4 straight sides of the same length.

a. Cross off the shape that is NOT a rhombus.









b. Explain your thinking:

Name	Date

1. On the first 4 objects, color one of the flat faces red. Match each 3-dimensional shape to its name.



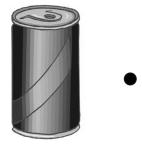
Rectangular prism

b.



Cone

C.



Sphere



Cylinder



Cube

2. Write the name of each object in the correct column.



Cubes	Spheres	Cones	Rectangular Prisms	Cylinders

3. Circle the attributes that describe ALL spheres.

have no straight sides

are round

can roll

can bounce

4. Circle the attributes that describe ALL cubes.

have square faces

are red

are hard

have 6 faces



Name	_ Date	

1. Go on a scavenger hunt for 3-dimensional shapes. Look for objects at home that would fit in the chart below. Try to find at least four objects for each shape.

Cube	Rectangular Prism	Cylinder	Sphere	Cone



2. Choose one object from each column. Explain how you know that object belongs in that column. Use the word bank if needed.

## Word Bank

faces	circle	square	roll	six
sides	rectangle	point	1	flat

a.	I put the	_ in the cube column because	
	•		

b.	I put the	in the cylinder	column because
	•	•	

C.	I put the	in the sphere column because
		<u> </u>
		•

d.	I put the	in the cone column because	
	•		

e.	I put the	_ in the rectangular prism column
	because	

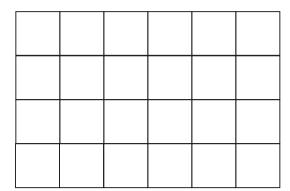


Name	Date
Use pattern blocks to create the following s	hapes. Trace or draw to record your work.
1. Use 3 triangles to make 1 trapezoid.	2. Use 4 squares to make 1 larger square.
3. Use 6 triangles to make 1 hexagon.	4. Use 1 trapezoid, 1 rhombus, and 1 triangle to make 1 hexagon.



5. Make a rectangle using the squares from the pattern blocks. Trace the squares to show the rectangle you made.

6. How many squares do you see in this rectangle?



I can find \_\_\_\_\_ squares in this rectangle.

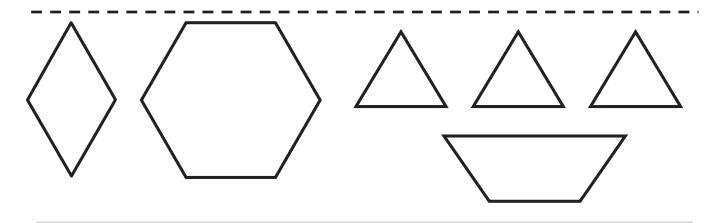
7. Use your pattern blocks to make a picture. Trace the shapes to show what you made. Tell a partner what shapes you used. Can you find any larger shapes within your picture?

Name	Date	

Cut out the pattern block shapes from the bottom of the page. Color them to match the key, which is different from the pattern block colors in class. Trace or draw to show what you did.

Hexagon—red Triangle-blue Rhombus—yellow Trapezoid-green

- 1. Use 3 triangles to make 1 trapezoid.
- 2. Use 3 triangles to make 1 trapezoid, and then add 1 trapezoid to make 1 hexagon.





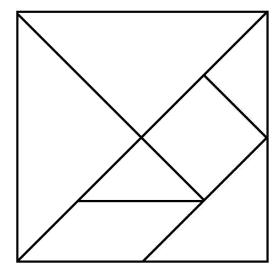
3. How many squares do you see in this large square?

I can find \_\_\_\_\_ squares in this rectangle.



1.

a. How many shapes were used to make this large square?



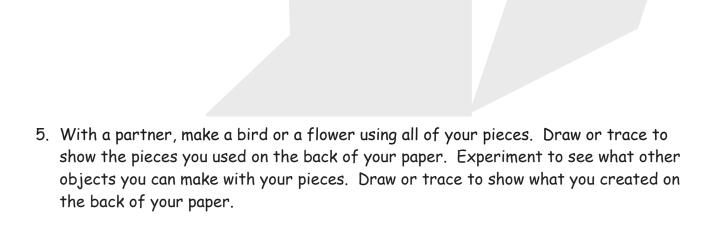
There are \_\_\_\_\_shapes in this large square.

b. What are the names of the 3 types of shapes used to make the large square?

2. Use 2 of your tangram pieces to make a square. Which 2 pieces did you use? Draw or trace the pieces to show how you made the square.

3. Use 4 of your tangram pieces to make a trapezoid. Draw or trace the pieces to show the shapes you used.

4. Use all 7 tangram pieces to complete the puzzle.





Name	Date

1. Cut out all of the tangram pieces from the separate piece of paper you brought home from school. It looks like this:



- 2. Tell a family member the name of each shape.
- 3. Follow the directions to make each shape below. Draw or trace to show the parts you used to make the shape.
  - a. Use 2 tangram pieces to make 1 triangle.

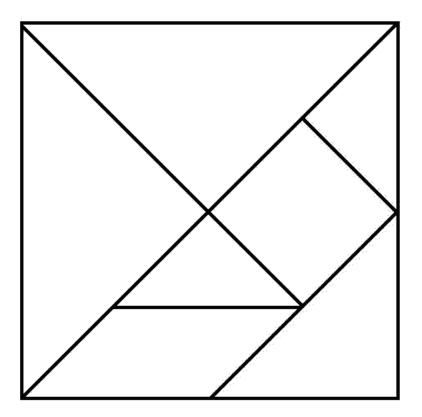
b. Use 1 square and 1 triangle to make 1 trapezoid.

c. Use one more piece to change the trapezoid into a rectangle.



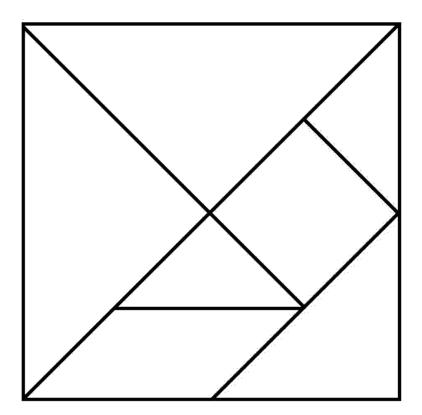
4. Make an animal with all of your pieces. Draw or trace to show the pieces you used. Label your drawing with the animal's name.





One tangram is to be used during class.

The other tangram is to be sent home with the homework.



tangram



me	Date	
Work with your partner and another pair to build a structure with your 3-dimensional shapes. You can use as many of the pieces as you choose.		
structure.	of each shape you used to make your	
Rectangular Prisms		
Cylinders		
Cones		
	3-dimensional shapes. You can use as many  Complete the chart to record the number of structure.  Cubes  Spheres  Rectangular Prisms  Cylinders	

3. Which shape did you use on the bottom of your structure? Why?

4. Is there a shape you chose not to use? Why or why not?

Name	Date	

Use some 3-dimensional shapes to make another structure. The chart below gives you some ideas of objects you could find at home. You can use objects from the chart or other objects you may have at home.

Cube	Rectangular prism	Cylinder	Sphere	Cone
Block	Food box: Cereal, macaroni and cheese, spaghetti, cake mix, juice box	Food can: Soup, vegetables, tuna fish, peanut butter	Balls: Tennis ball, rubber band ball, basketball, soccer ball	Ice cream cone
Dice	Tissue box	Toilet paper or paper towel roll	Fruit: Orange, grapefruit, melon, plum, nectarine	Party hat
	Hardcover book	Glue stick	Marbles	Funnel
	DVD or video game box			

Ask someone at home to take a picture of your structure. If you are unable to take a picture, try to sketch your structure or write the directions on how to build your structure on the back of the paper.

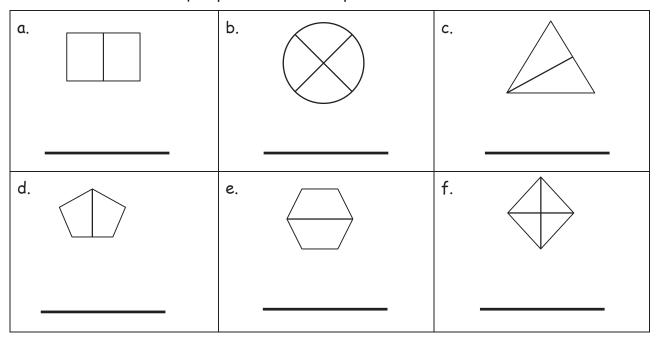


Name	Date	

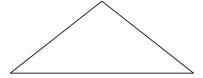
1. Are the shapes divided into equal parts? Write Y for yes or N for no. If the shape has equal parts, write how many equal parts on the line. The first one has been done for you.

	1		
a.	у 2		c.
d.			f.
g.		h	i
j.		k	I
m.		n.	o

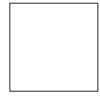
2. Write the number of equal parts in each shape.



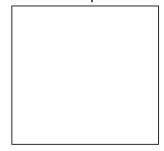
3. Draw one line to make this triangle into 2 equal triangles.



4. Draw one line to make this square into 2 equal parts.



5. Draw two lines to make this square into 4 equal squares.

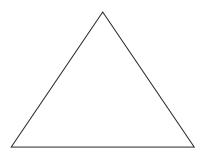


Date \_\_\_\_ Name

1. Are the shapes divided into equal parts? Write  $\mathbf{Y}$  for yes or  $\mathbf{N}$  for no. If the shape has equal parts, write how many equal parts there are on the line. The first one has been done for you.

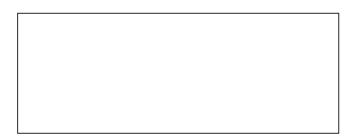
a. b. C. 2 d. f. e. i. h. **g**. j. k. 1. ٥. m. n.

2. Draw 1 line to make 2 equal parts. What smaller shapes did you make?



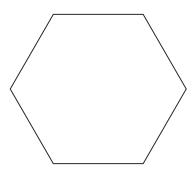
I made 2 \_\_\_\_\_\_.

3. Draw 2 lines to make 4 equal parts. What smaller shapes did you make?



I made 4 \_\_\_\_\_\_.

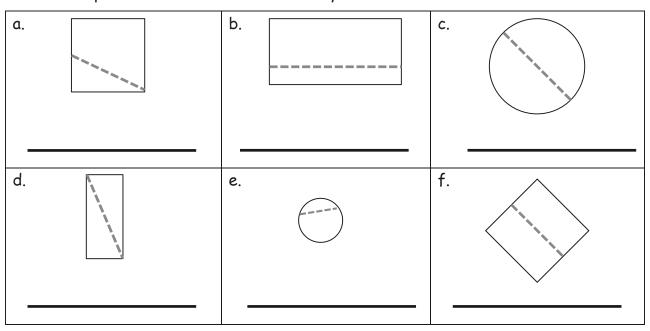
4. Draw lines to make 6 equal parts. What smaller shapes did you make?



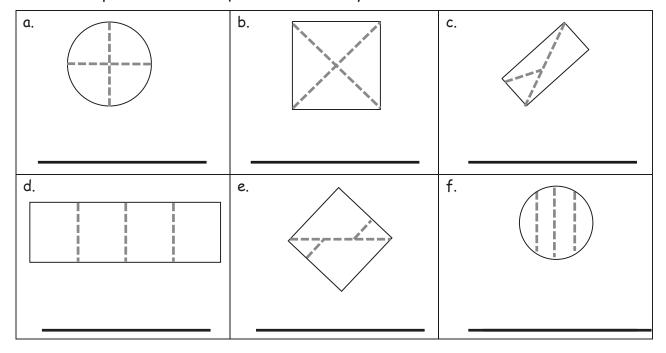
I made 6 \_\_\_\_\_\_.

Name Date \_\_\_\_

1. Are the shapes divided into halves? Write yes or no.



2. Are the shapes divided into quarters? Write yes or no.

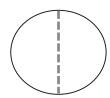


Lesson 8:

Partition shapes and identify halves and quarters of circles and rectangles.

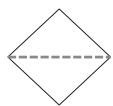
3. Color half of each shape.

a.

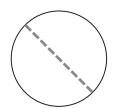




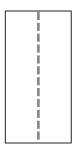
d.



e.

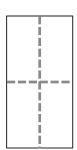


f.

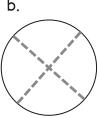


4. Color 1 fourth of each shape.

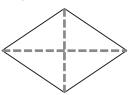
a.



b.



c.



d.

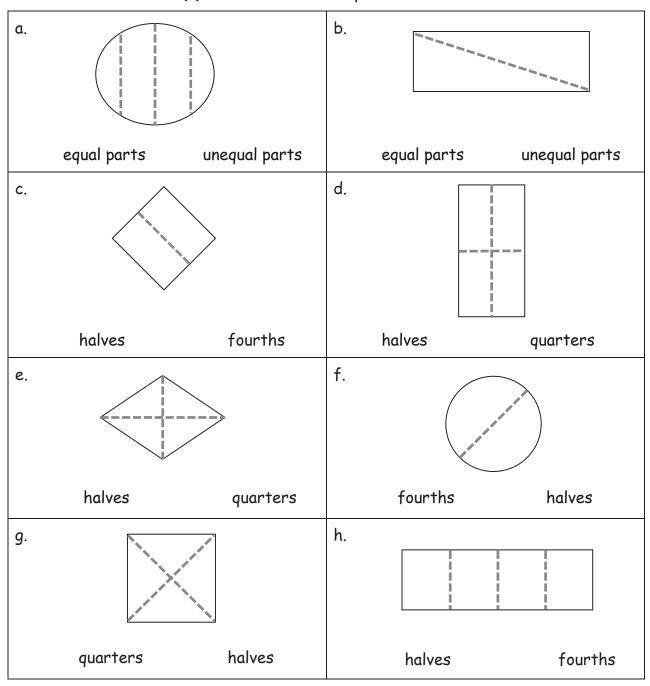


e.



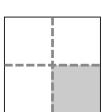
Date \_\_\_\_\_ Name \_\_\_\_

1. Circle the correct word(s) to tell how each shape is divided.



2. What part of the shape is shaded? Circle the correct answer.

b.



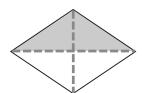
1 half

1 quarter

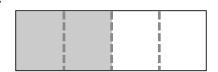
1 half

1 quarter

C.



d.



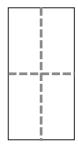
1 half

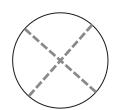
1 quarter

1 half

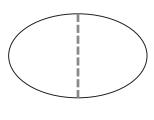
1 quarter

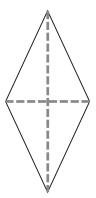
3. Color 1 quarter of each shape.

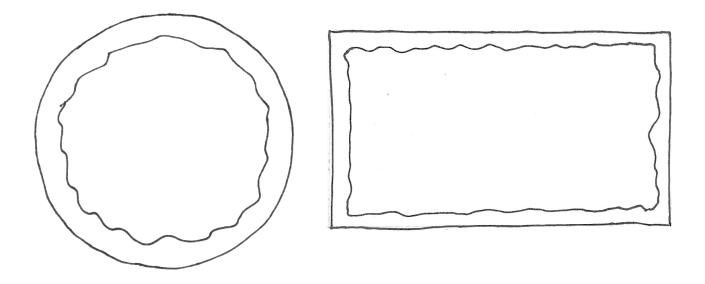


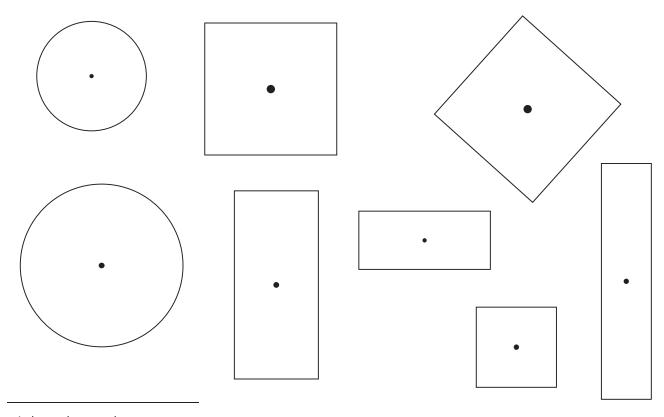


4. Color 1 half of each shape.









circles and rectangles

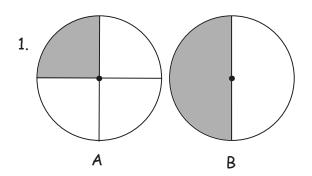


Lesson 8:

Partition shapes and identify halves and quarters of circles and rectangles.

Name \_\_\_\_\_ Date \_\_\_\_

Label the shaded part of each picture as one half of the shape or one quarter of the shape.

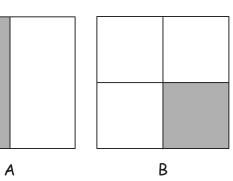


Which shape has been cut into more equal parts? \_\_\_\_

Which shape has larger equal parts? \_\_\_\_

Which shape has smaller equal parts? \_\_\_\_

2.

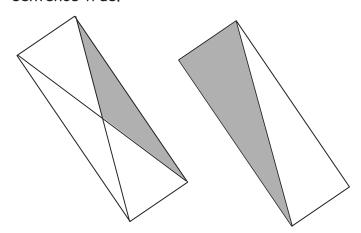


Which shape has been cut into more equal parts? \_\_\_\_

Which shape has larger equal parts? \_\_\_\_

Which shape has smaller equal parts? \_\_\_\_

3. Circle the shape that has a larger shaded part. Circle the phrase that makes the sentence true.



The larger shaded part is

(one half of / one quarter of)

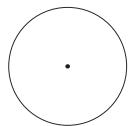
the whole shape.

Color part of the shape to match its label.

Circle the phrase that would make the statement true.

4.

One half of the circle

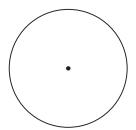


is larger than

is smaller than

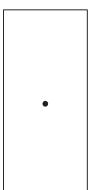
is the same size as

one fourth of the circle.



5.

One quarter of the rectangle



is larger than

is smaller than

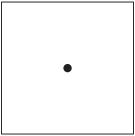
is the same size as

one half of the rectangle.



6.

One quarter of the square

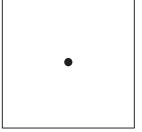


is larger than

is smaller than

is the same size as

one fourth of the square.





1. Label the shaded part of each picture as one half of the shape or one quarter of the shape.



Which picture has been cut into more equal parts? \_\_\_\_

Which picture has larger equal parts?

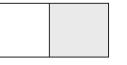
В	
D	

Which picture has smaller equal parts? \_\_\_\_

2. Write whether the shaded part of each shape is a half or a quarter.

α.\_

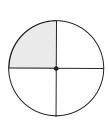




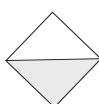
b.

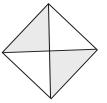


c.



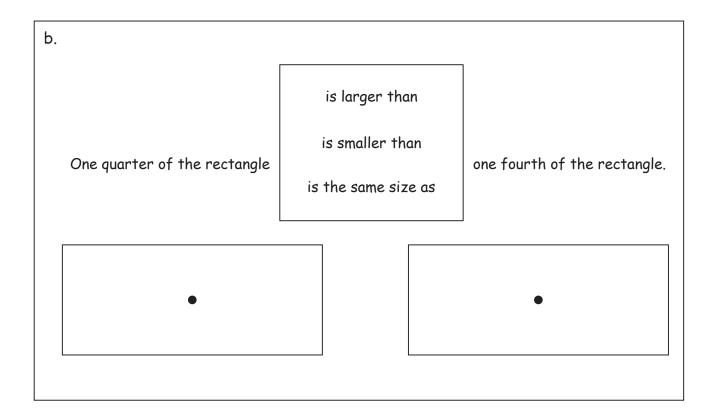
d.

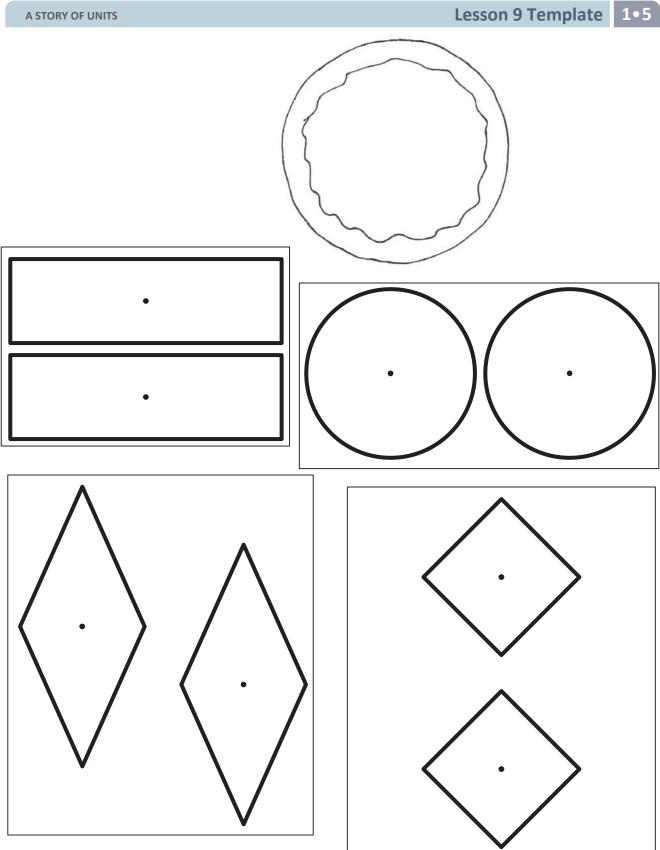




3. Color part of the shape to match its label. Circle the phrase that would make the statement true.

a. One quarter of the square one half of the square. is larger than is smaller than is the same size as 0 0





pairs of shapes



Name \_ Date \_\_\_\_

1. Match the clocks that show the same time.

α.



b.



C.



d.









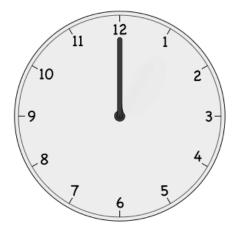






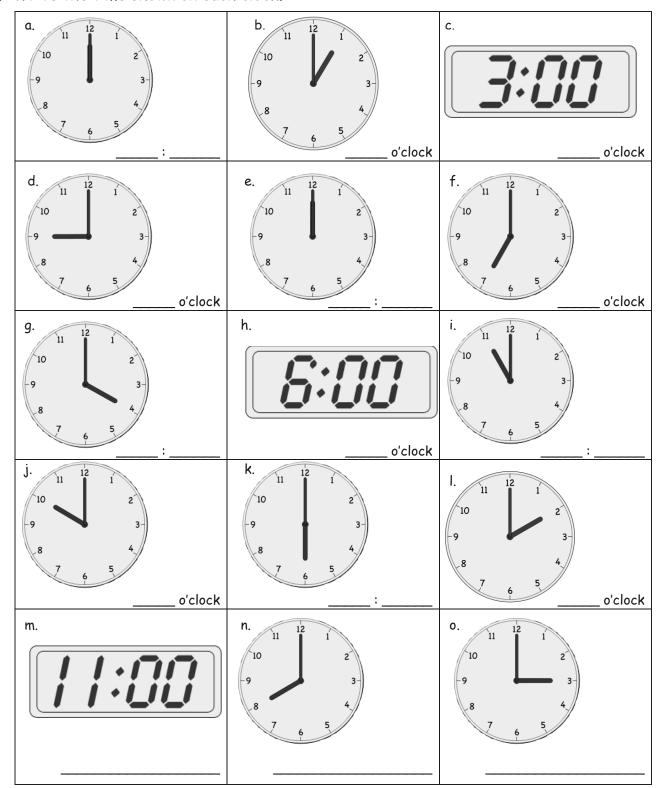


2. Put the hour hand on this clock so that the clock reads 3 o'clock.





#### 3. Write the time shown on each clock.



Date\_\_\_\_ Name \_

1. Match each clock to the time it shows.

4 o'clock



b.



7 o'clock



c.



11 o'clock



d.



10 o'clock





3 o'clock



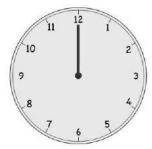


2 o'clock



2. Put the hour hand on the clock so that the clock matches the time. Then, write the time on the line.

a.



6 o'clock

b.



9 o'clock

C.



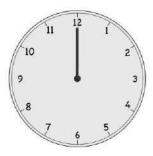
12 o'clock

d.



7 o'clock

e.



1 o'clock

Name

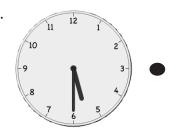
Date \_\_\_\_\_

1. Match the clocks to the times on the right.

α.



b.



C.



Half past 5 o'clock



- Five thirty
- Half past 12 o'clock
- Two thirty
- 2. Draw the minute hand so the clock shows the time written above it.
  - a. 7 o'clock





b. 8 o'clock



e. 2:30



c. 7:30



f. 2 o'clock





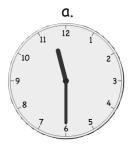
d. 1:30

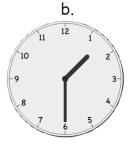
Lesson 11:

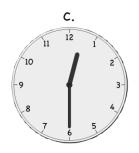
3. Write the time shown on each clock. Complete problems like the first two examples.



4. Circle the clock that shows half past 12 o'clock.







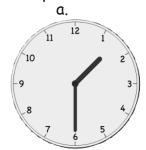
Lesson 11:

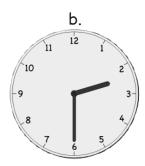
Name \_\_\_\_\_

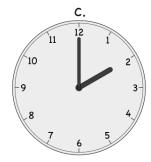
Date \_\_\_\_

Circle the correct clock.

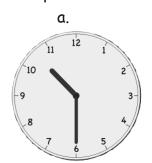
1. Half past 2 o'clock

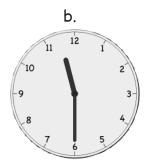


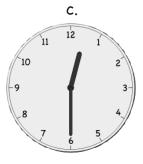




2. Half past 10 o'clock

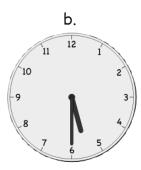






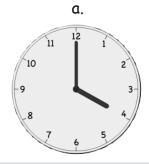
3. 6 o'clock a.

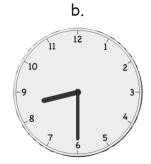


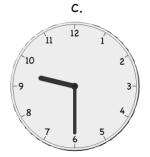




4. Half past 8 o'clock







Lesson 11:

Recognize halves within a circular clock face and tell time to the half hour.  $\label{eq:condition}$ 

Write the time shown on each clock to tell about Lee's day.

5.



Lee wakes up at \_

6.



He takes the bus to school at \_\_\_\_\_.

7.



He has math at \_\_\_\_\_.

8.



He eats lunch at \_\_\_\_\_.

9.



He has basketball practice at \_\_\_\_\_.

10.



He does his homework at \_\_\_\_\_

11.



He eats dinner at \_\_\_\_\_.

12.



He goes to bed at \_\_\_\_\_.

Name Date
-----------

Fill in the blanks.

1.





Clock \_\_\_\_\_ shows half past eleven.

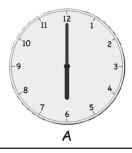
2.





Clock \_\_\_\_\_ shows half past two.

3.

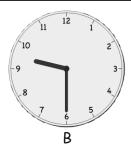




Clock \_\_\_\_\_ shows 6 o'clock.

4.





Clock \_\_\_\_\_ shows 9:30.

5.





Clock \_\_\_\_\_ shows half past six.



Lesson 12:

Recognize halves within a circular clock face and tell time to the half hour.

6. Match the clocks.



12

half past 7



b.

half past 1



C.

7 o'clock



d.

half past 5



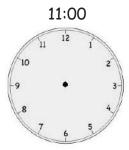
7. Draw the minute and hour hands on the clocks.

α. 3:30

e.



C.



d. 6:00

4:30

f.



Lesson 12:

Recognize halves within a circular clock face and tell time to the half hour.

Date \_\_\_\_\_

Write the time shown on the clock, or draw the missing hand(s) on the clock.

1. 10 o'clock	2. half past 10 o'clock
3. 11 12 1 2 8 o'clock	4. 11 12 1 1 10 2 1 3 - 4 4 7 6 5 5 4 1
5.  11 12 1  3 o'clock	half past 3 o'clock
7. 11 12 1 2 3 4 4 7 6 5 4	8. half past 6 o'clock
9. 11 12 1 half past 9 o'clock	10. 10 2 4 o'clock

11. Match the pictures with the clocks.

a.



Soccer practice

3:30

b.



Brush teeth

7:30

12

Wash dishes

6:00



Eat dinner

5:30





Take bus home

4:30





Homework

half past 6 o'clock





Lesson 12:

Recognize halves within a circular clock face and tell time to the half hour.

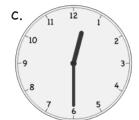
Name Date
-----------

Circle the correct clock. Write the times for the other two clocks on the lines.

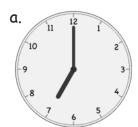
1. Circle the clock that shows half past 1 o'clock.



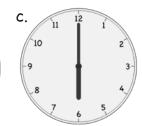
b. 10



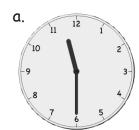
2. Circle the clock that shows 7 o'clock.



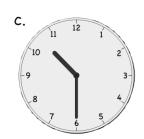
b.



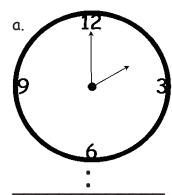
3. Circle the clock that shows half past 10 o'clock.



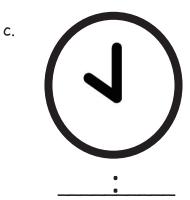
b.



4. What time is it? Write the times on the lines.



b.



5. Draw the minute and hour hands on the clocks.

α.



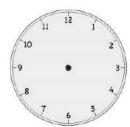


b.



C.





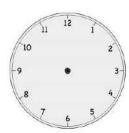
d.



e.



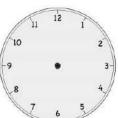
f.



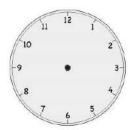
**g**.



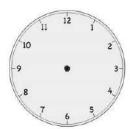
h.



i.



j.

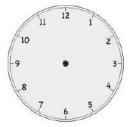


k.



3:00

١.



Name \_\_\_\_

Date \_\_\_\_\_

Fill in the blanks.

1.



Clock \_\_\_\_\_ shows half past three.

В

2.

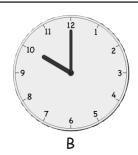




Clock \_\_\_\_\_ shows half past twelve.

3.





Clock \_\_\_\_\_ shows eleven o'clock.

4.





Clock \_\_\_\_\_ shows 8:30.

5.





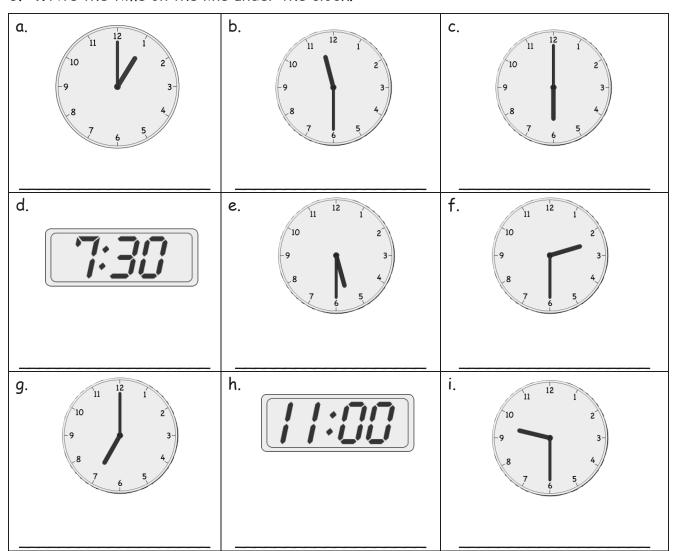
В

Clock \_\_\_\_\_ shows 5:00.

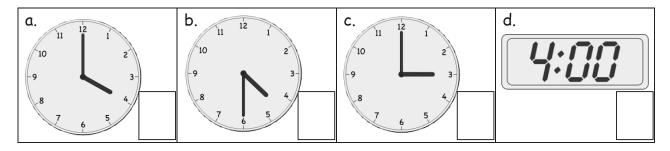
Lesson 13:

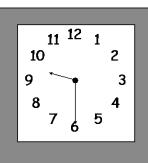
Recognize halves within a circular clock face and tell time to the half hour.

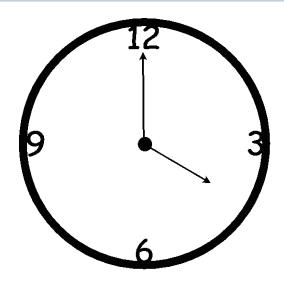
6. Write the time on the line under the clock.

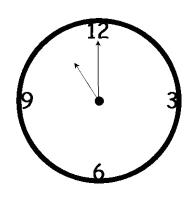


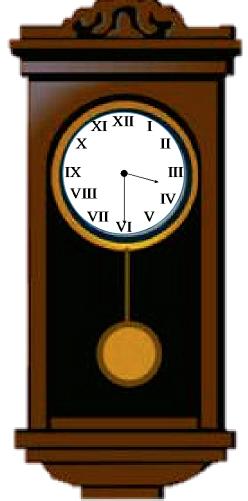
7. Put a check ( $\checkmark$ ) next to the clock(s) that show 4 o'clock.











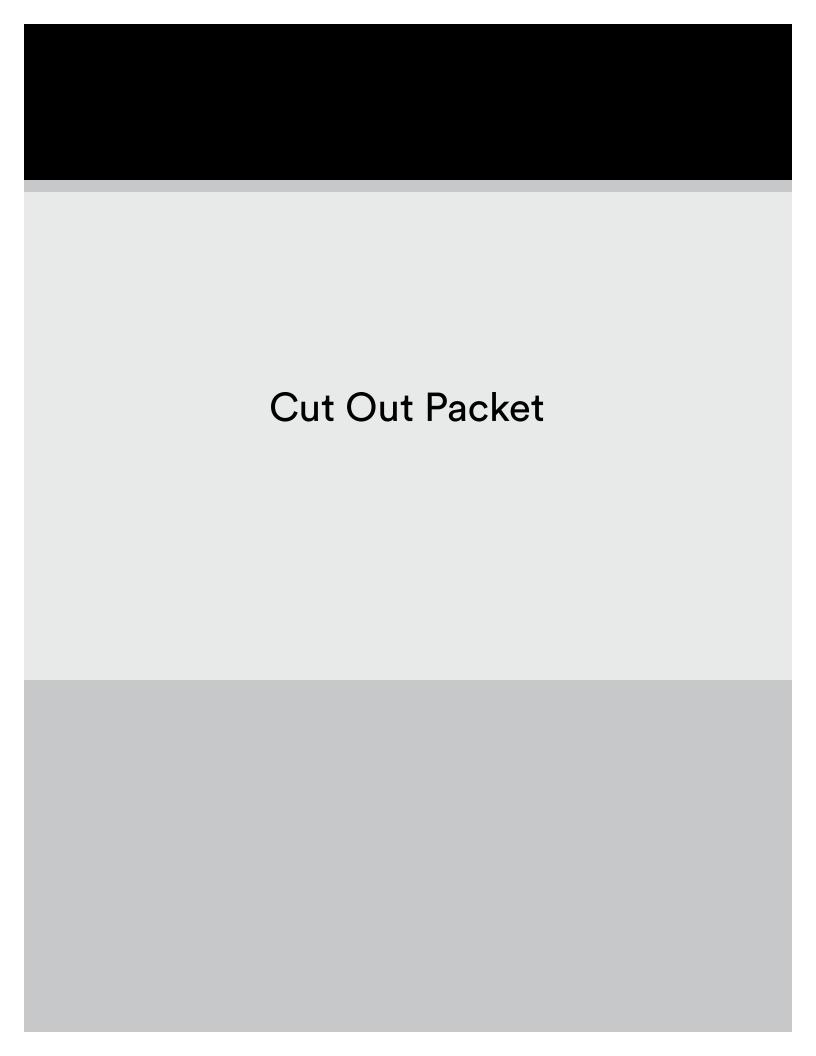




clock images



Recognize halves within a circular clock face and tell time to the half Lesson 13: hour.



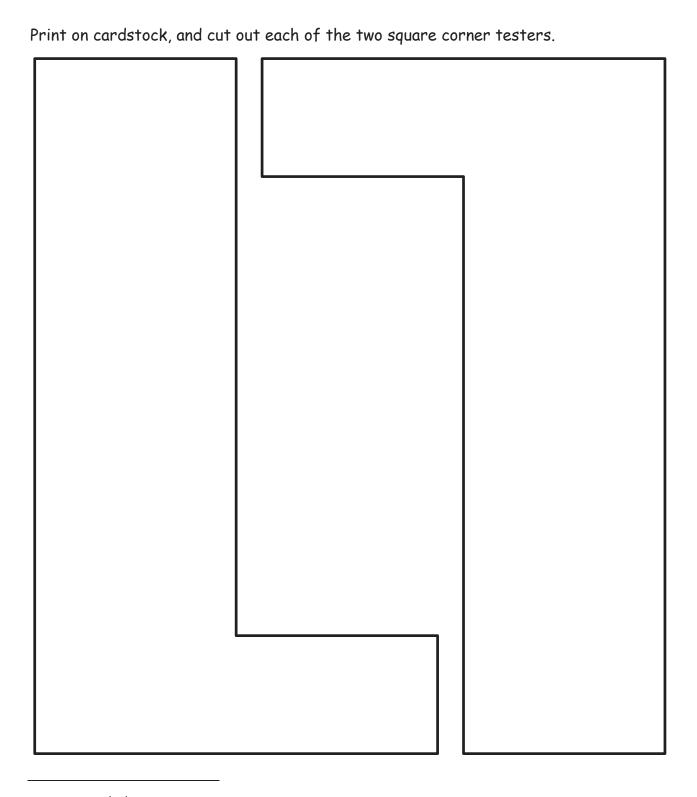
0	1	2	3
4	5	6	7
8	9	10	5
	+	+	

numeral cards



Lesson 1:

Classify shapes based on defining attributes using examples, variants, and non-examples.



square corner tester



# hexagon

closed shape with 6 straight sides

## rectangle

closed shape with 4 straight sides and 4 square corners

### square

closed shape with 4 straight sides of the same length and 4 square corners

# triangle

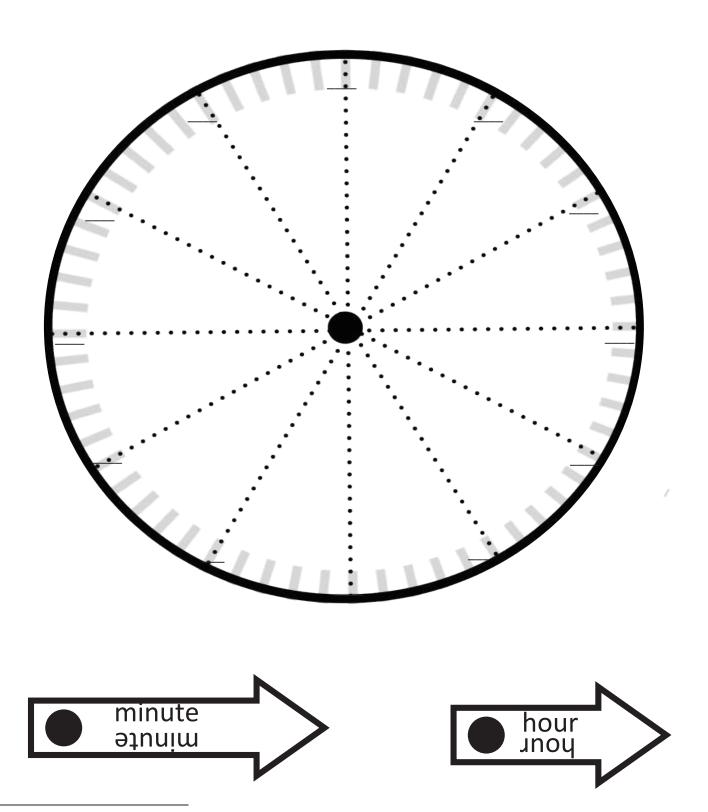
closed shape with 3 straight sides

## rhombus

closed shape with 4 straight sides of the same length

shape description cards

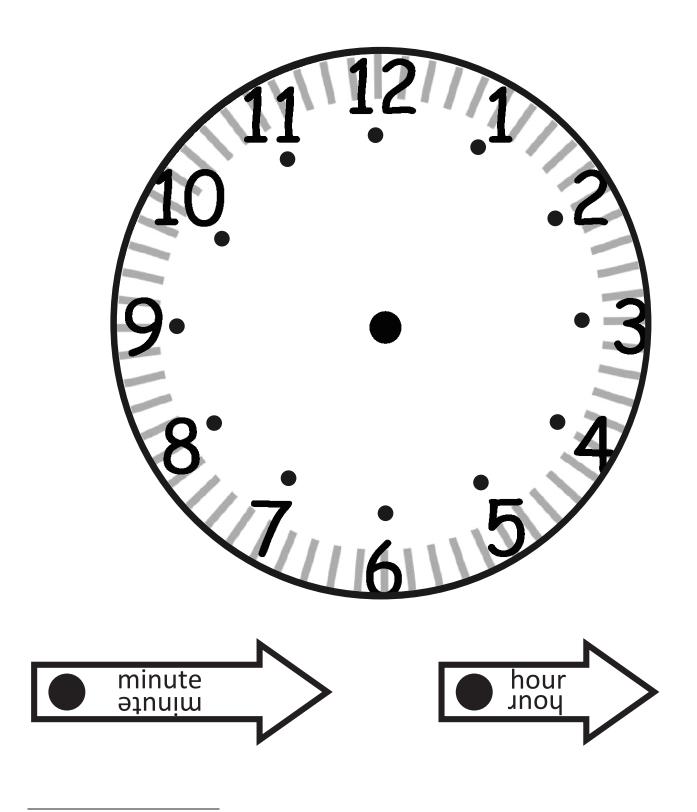




partitioned circle



Construct a paper clock by partitioning a circle and tell time to the Lesson 10: hour.



additional paper clock with numbers



Lesson 11: Recognize halves within a circular clock face and tell time to the half hour.