A Story of Units®

Eureka Math[™] Grade 1, Module 5

Student File_A

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

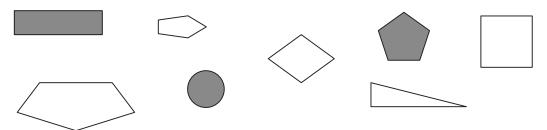
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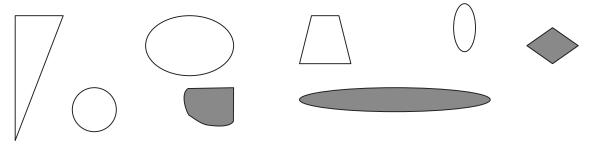
Printed in the U.S.A.
This book may be purchased from the publisher at eureka-math.org
10 9 8 7 6 5 4 3 2 1

Date ____

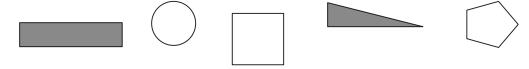
1. Circle the shapes that have 5 straight sides.



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.

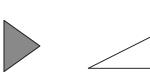


Lesson 1:

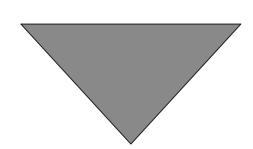
Classify shapes based on defining attributes using examples, variants, and non-examples.

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.









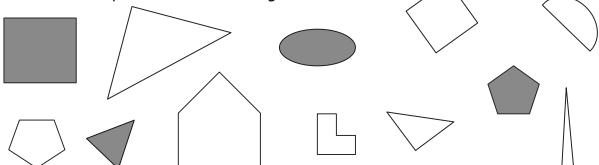
7. Draw 2 more shapes that would fit in Group A.

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

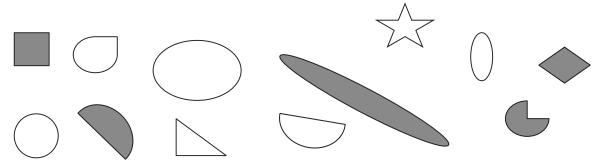
Name

Date

1. Circle the shapes that have 3 straight sides.



2. Circle the shapes that have no corners.

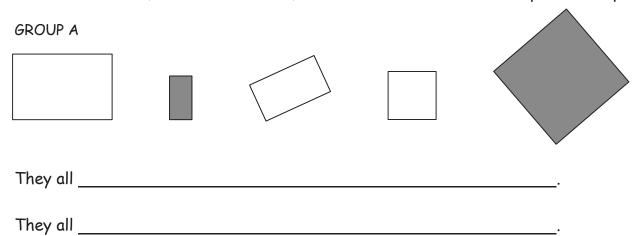


3. Circle the shapes that have only square corners.

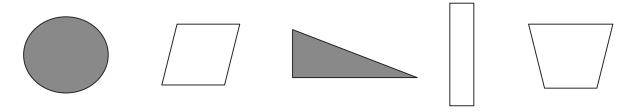


- a. Draw a shape that has 4 straight sides.
- b. Draw another shape with 4 straight sides that is different from 4(a) and from the ones above.

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



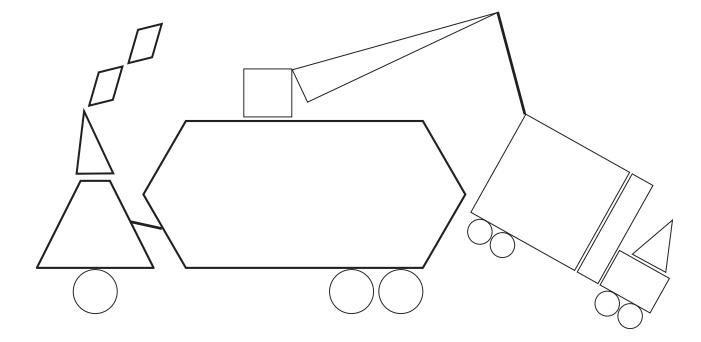
6. Circle the shape that best fits with Group A.



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.

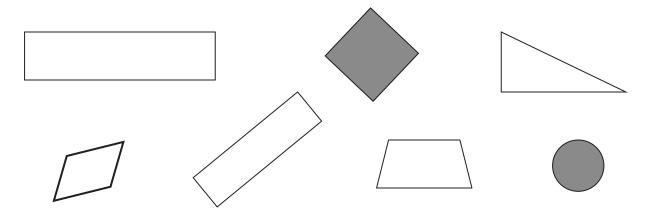


a. RED-4-sided shapes: _____ b. GREEN-3-sided shapes: _____

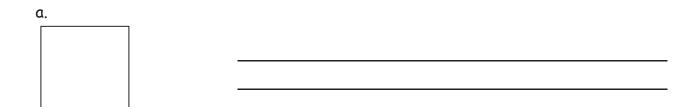
c. YELLOW—5-sided shapes: ____ d. BLACK—6-sided shapes: ____

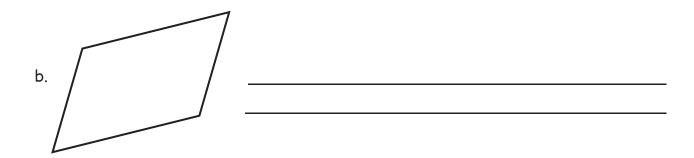
e. BLUE—shapes with no corners: _____

2. Circle the shapes that are rectangles.



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





Date ____ Name ____

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

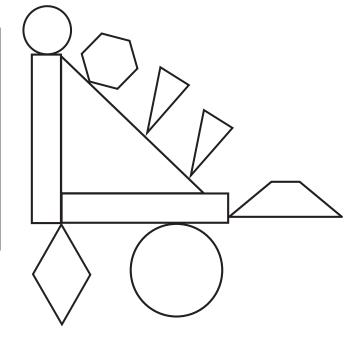
Key

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.

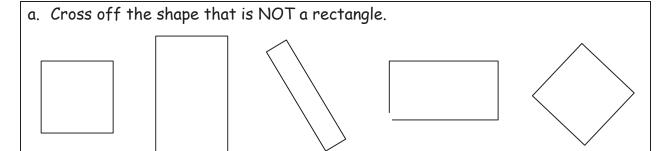
- a. A hexagon has ____ straight sides and ____ corners.
- b. I colored ____ hexagon.

4.

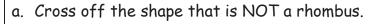
- a. A circle has ____ straight sides and ____ corners.
- b. I colored ____ circles.

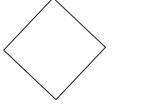
5.

- 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.



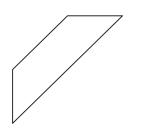
- b. Explain your thinking:
- 7. A rhombus is a closed shape with 4 straight sides of the same length.











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.



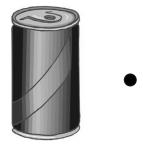
Rectangular prism

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		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
	•	

d.	I put the	in the cone column because	
	•		

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

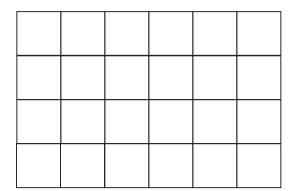


Name	Date		
Use pattern blocks to create the following s	shapes. Trace or draw to record your work.		
1. Use 3 triangles to make 1 trapezoid.	2. Use 4 squares to make 1 larger square.		
3. Use 6 triangles to make 1 hexagon.	4. Use 1 trapezoid, 1 rhombus, and 1 triangle to make 1 hexagon.		



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.

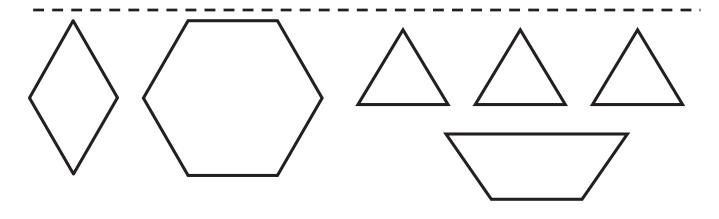
7. Use your pattern blocks to make a picture. Trace the shapes to show what you made. Tell a partner what shapes you used. Can you find any larger shapes within your picture?

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.

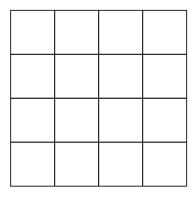
Hexagon—red Triangle-blue Rhombus—yellow Trapezoid—green

- 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?



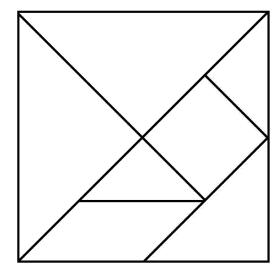
I can find _____ squares in this rectangle.



Name	Date
1 101110	Daie

1.

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



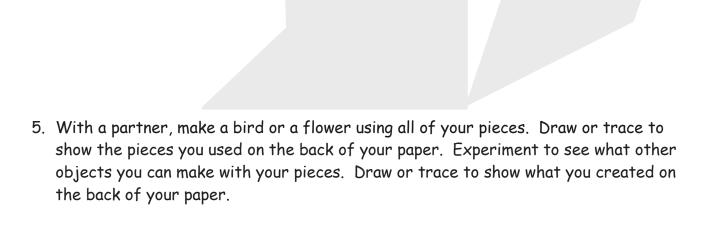
There are _____ shapes in this large square.

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	
Nume	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.

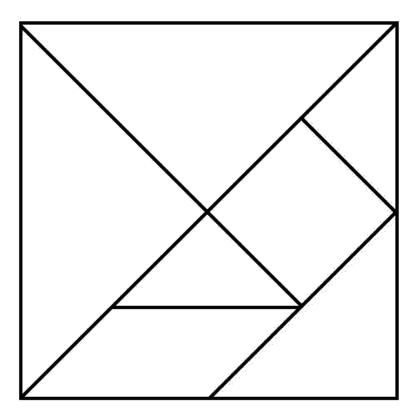
b. Use 1 square and 1 triangle to make 1 trapezoid.

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



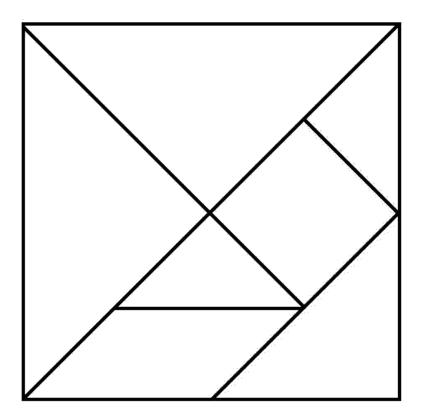
4. Make an animal with all of your pieces. Draw or trace to show the pieces you used. Label your drawing with the animal's name.





One tangram is to be used during class.

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



tangram



	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.		
tructure.	of each shape you used to make your	
Rectangular Prisms		
Cylinders		
Cones		
	S-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.

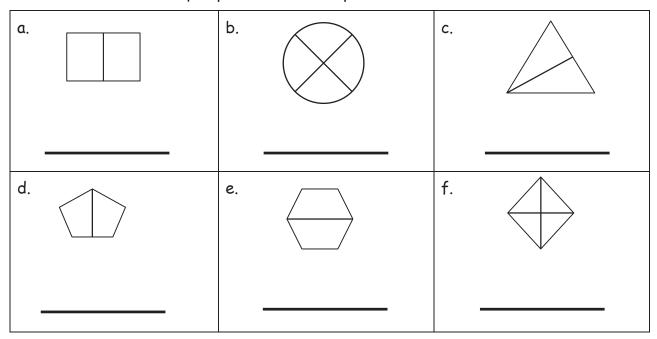


Name	Date	

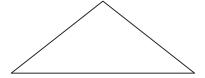
1. Are the shapes divided into equal parts? Write Y for yes or N for no. If the shape has equal parts, write how many equal parts on the line. The first one has been done for you

101	you.		
a.	У 2	b	c.
d.		e	f.
g.		h.	i.
j.		k	I
m.		n.	o

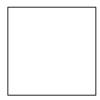
2. Write the number of equal parts in each shape.



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.

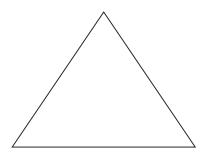


Date ____ Name

1. Are the shapes divided into equal parts? Write Y for yes or 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.

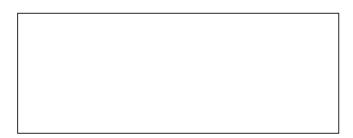
a. b. C. 2 d. f. e. i. h. **g**. j. k. 1. ٥. m. n.

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



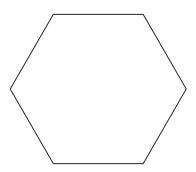
I made 2 ______.

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



I made 4 ______.

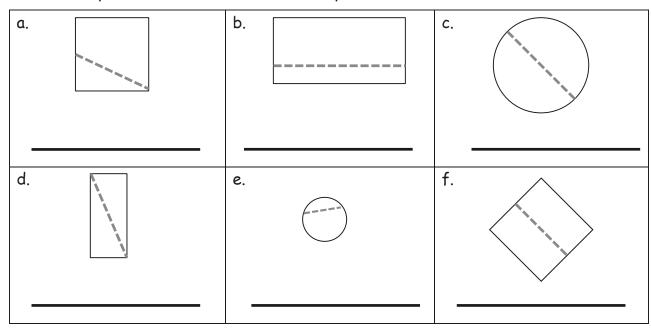
4. Draw lines to make 6 equal parts. What smaller shapes did you make?



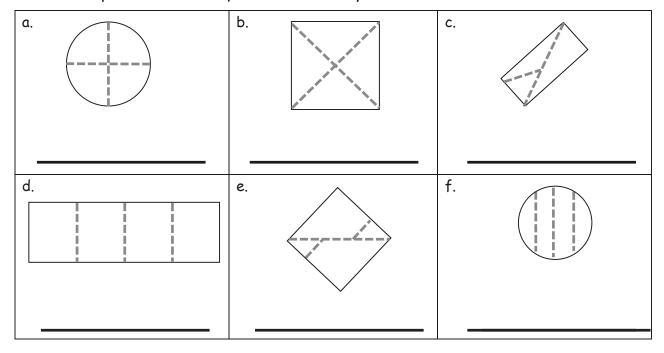
I made 6 ______.

Name Date ____

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

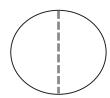


2. Are the shapes divided into quarters? Write yes or no.



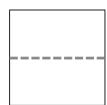
3. Color half of each shape.

a.

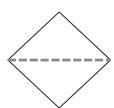




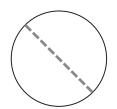
c.



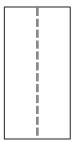
d.



e.

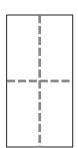


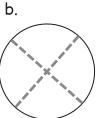
f.



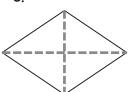
4. Color 1 fourth of each shape.

a.





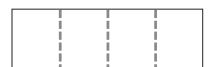
c.



d.

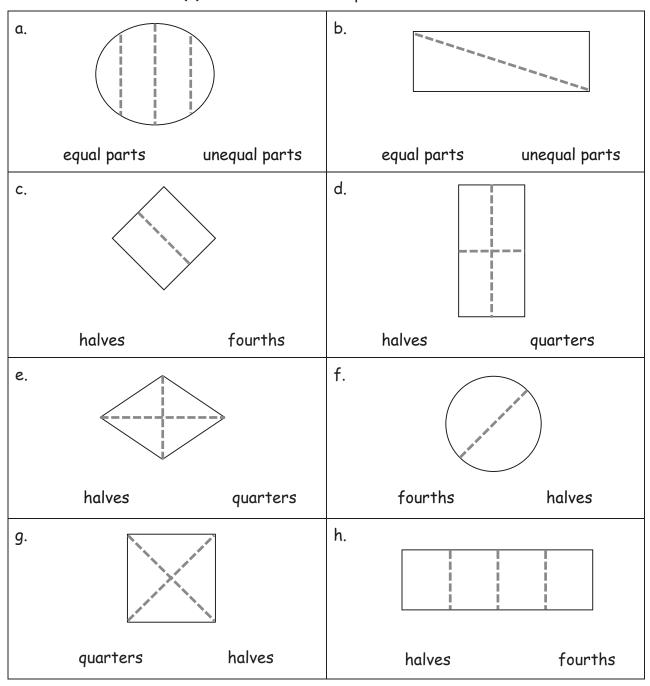


e.

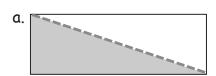


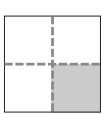
Date _____ Name ____

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.





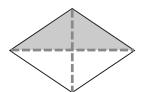
1 half

1 quarter

1 half

1 quarter

C.



d.

b.



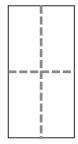
1 half

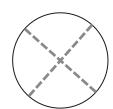
1 quarter

1 half

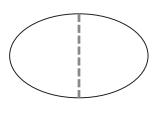
1 quarter

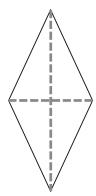
3. Color 1 quarter of each shape.

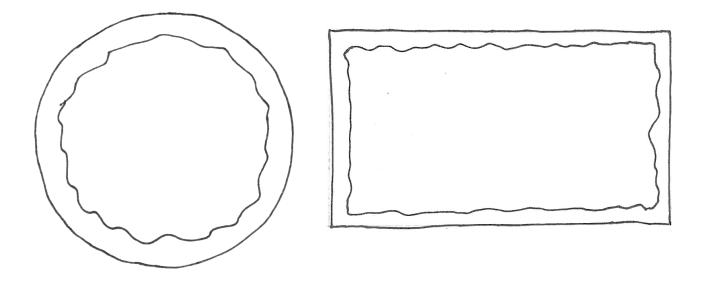


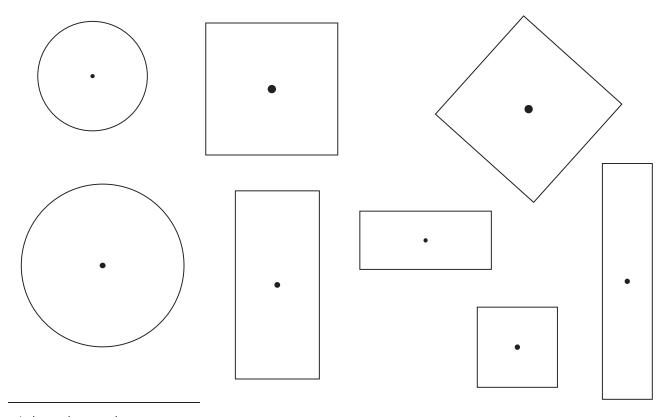


4. Color 1 half of each shape.









circles and rectangles

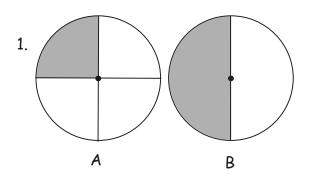


Lesson 8:

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.



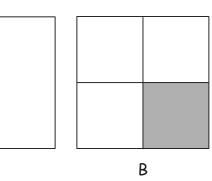
A

Which shape has been cut into more equal parts? ____

Which shape has larger equal parts? ____

Which shape has smaller equal parts? ____

2.

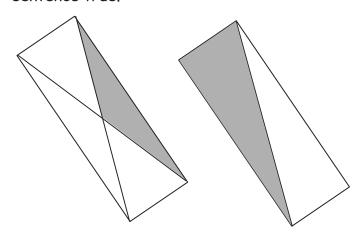


Which shape has been cut into more equal parts?

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

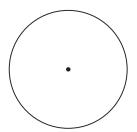


is larger than

is smaller than

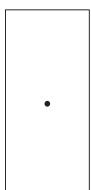
is the same size as

one fourth of the circle.



5.

One quarter of the rectangle



is larger than

is smaller than

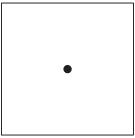
is the same size as

one half of the rectangle.



6.

One quarter of the square

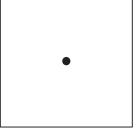


is larger than

is smaller than

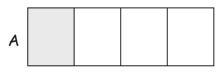
is the same size as

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? ____

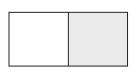
Which picture has larger equal parts?

В	

Which picture has smaller equal parts? ____

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

α.



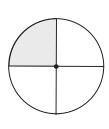


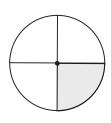


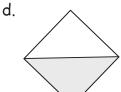


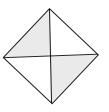


c.



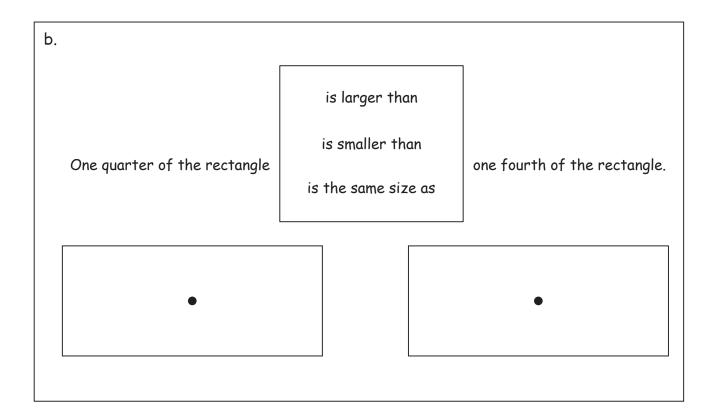


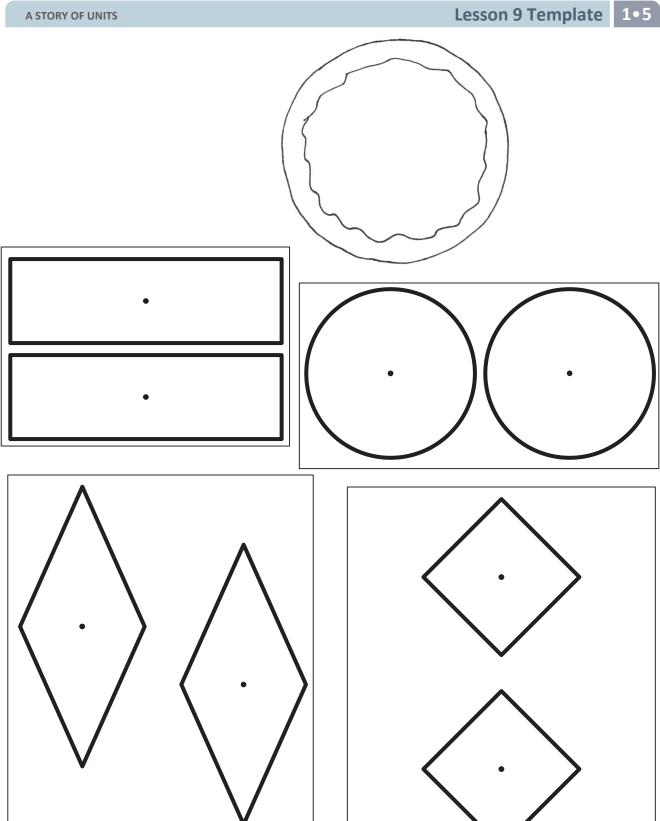




3. Color part of the shape to match its label. Circle the phrase that would make the statement true.

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



Lesson 9:

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

Name _ Date ____

1. Match the clocks that show the same time.

α.



b.



C.



d.









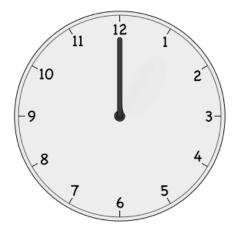






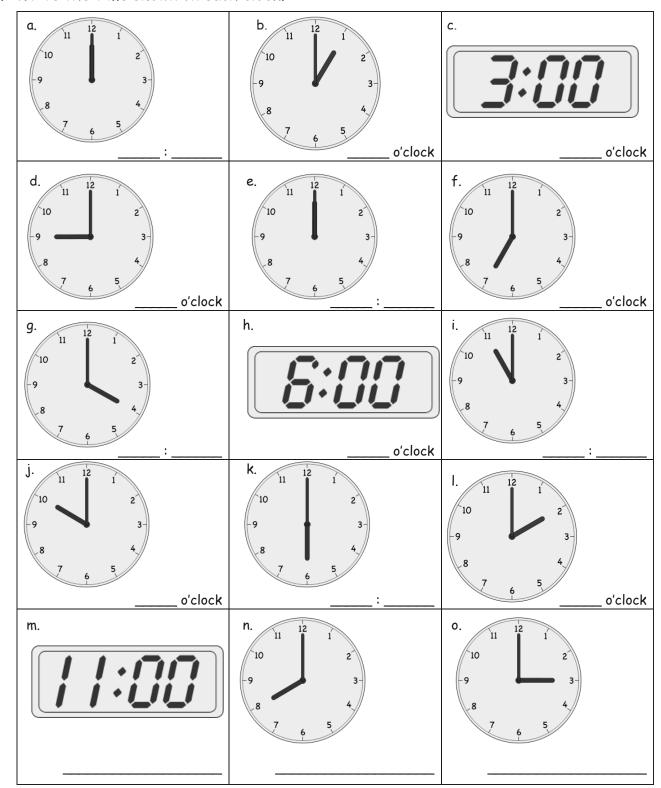


2. Put the hour hand on this clock so that the clock reads 3 o'clock.





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.



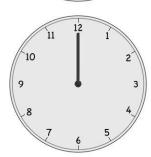
6 o'clock

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.







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





f. 2 o'clock





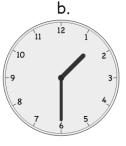
Lesson 11:

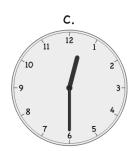
3. Write the time shown on each clock. Complete problems like the first two examples.



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







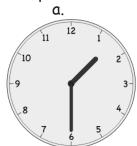
Lesson 11:

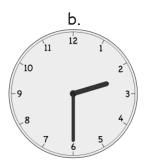
Name _

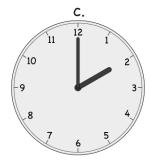
Date ____

Circle the correct clock.

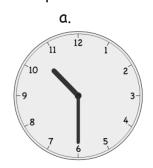
1. Half past 2 o'clock

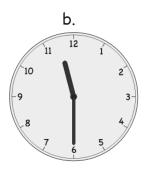


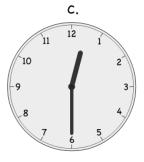




2. Half past 10 o'clock



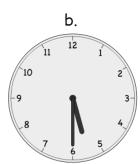




3. 6 o'clock

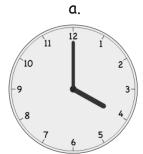
α.

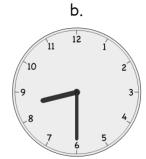


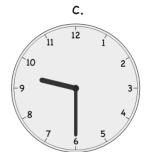




4. Half past 8 o'clock







Lesson 11:

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.



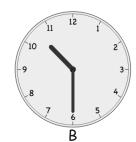
He goes to bed at _____.

Date ____ Name

Fill in the blanks.

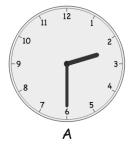
1.





Clock _____ shows half past eleven.

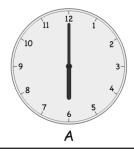
2.





Clock _____ shows half past two.

3.

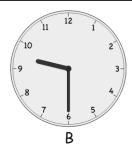




Clock _____ shows 6 o'clock.

4.





Clock _____ shows 9:30.

5.





Clock _____ shows half past six.

Lesson 12:

6. Match the clocks.



half past 7



b.

half past 1



C.

7 o'clock



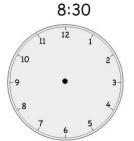
d.

half past 5



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

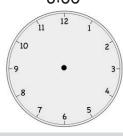
α. 3:30



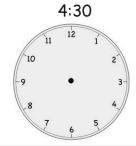
C.



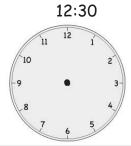
d. 6:00



e.



f.



Lesson 12:

Date _____

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

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

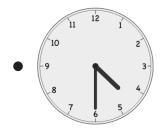
Wash dishes

6:00



Eat dinner

5:30

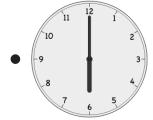






Take bus home

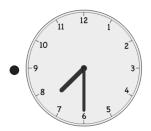
4:30





Homework

half past 6 o'clock





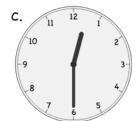
Lesson 12:

Date

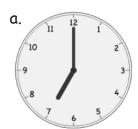
Circle the correct clock. Write the times for the other two clocks on the lines.

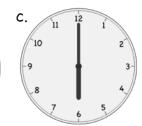
1. Circle the clock that shows half past 1 o'clock.



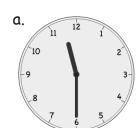


2. Circle the clock that shows 7 o'clock.

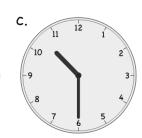




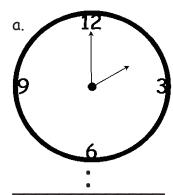
3. Circle the clock that shows half past 10 o'clock.



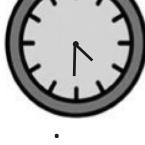
b.

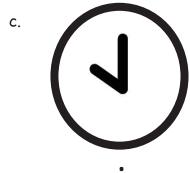


4. What time is it? Write the times on the lines.



b.





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

α.





b.



C.



d.



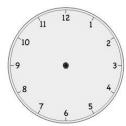
e.



f.



g.



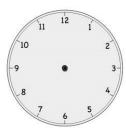
h.



i.



j.



k.



3:00

١.



Lesson 13:

Name ____

Date _____

Fill in the blanks.

1.



Clock _____ shows half past three.

В

2.

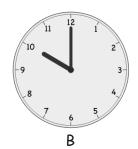




Clock _____ shows half past twelve.

3.





Clock _____ shows eleven o'clock.

4.





Clock _____ shows 8:30.

В

5.





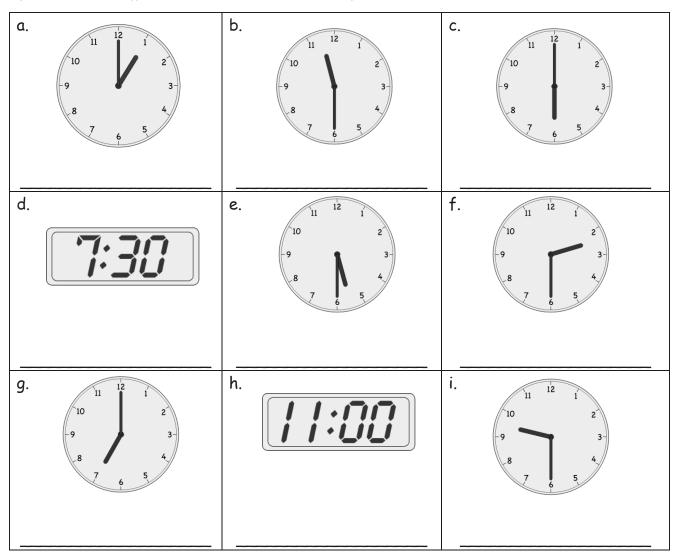
В

Clock _____ shows 5:00.

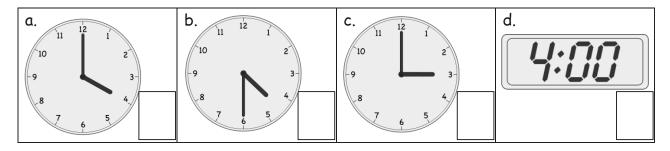


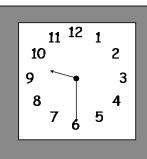
Lesson 13:

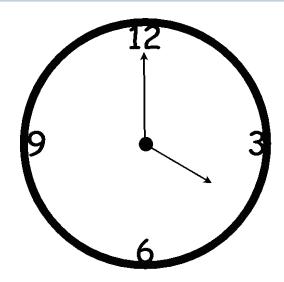
6. Write the time on the line under the clock.

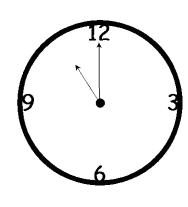


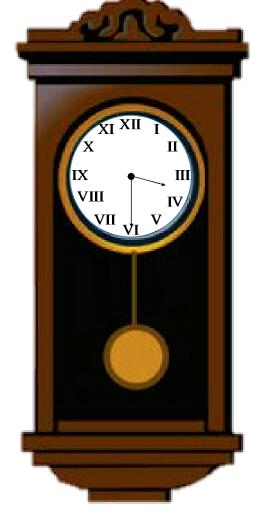
7. Put a check (\checkmark) next to the clock(s) that show 4 o'clock.









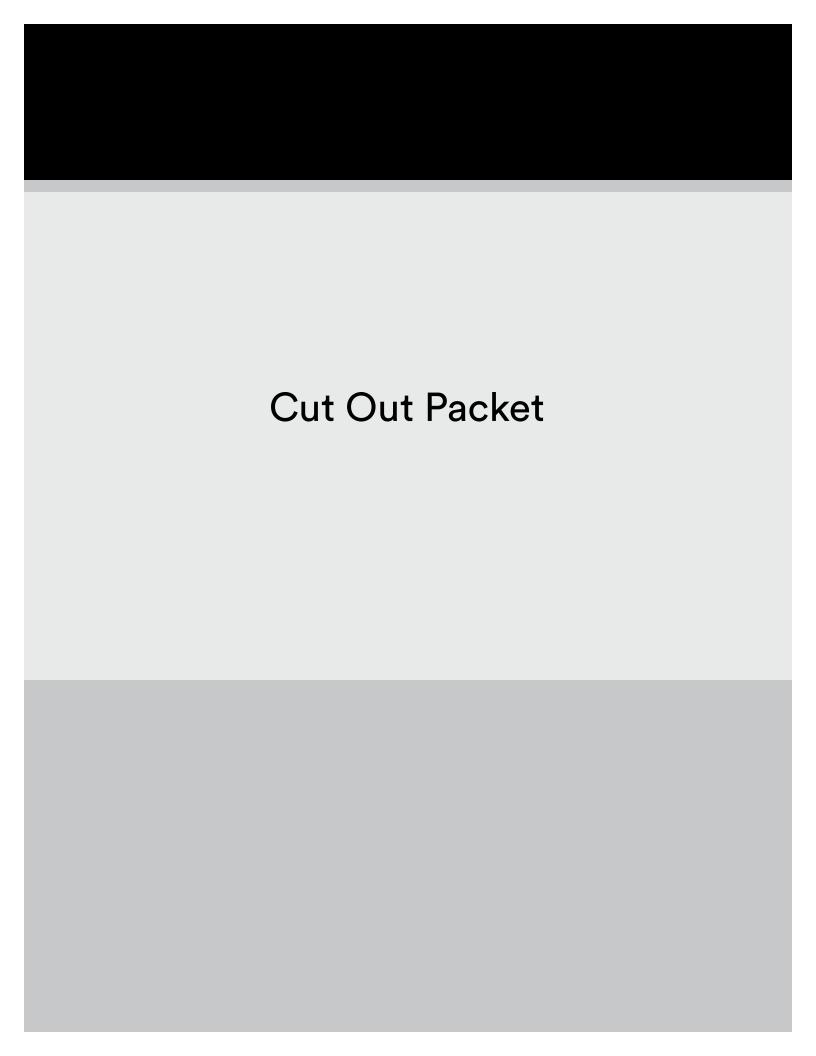






clock images

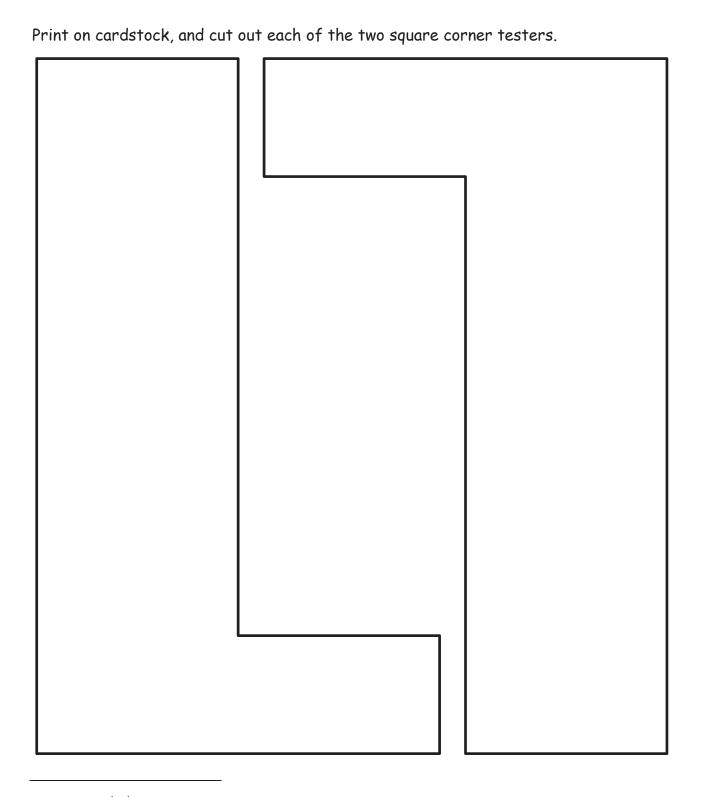




0	1	2	3
4	5	6	7
8	9	10	5
	+	+	

numeral cards





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

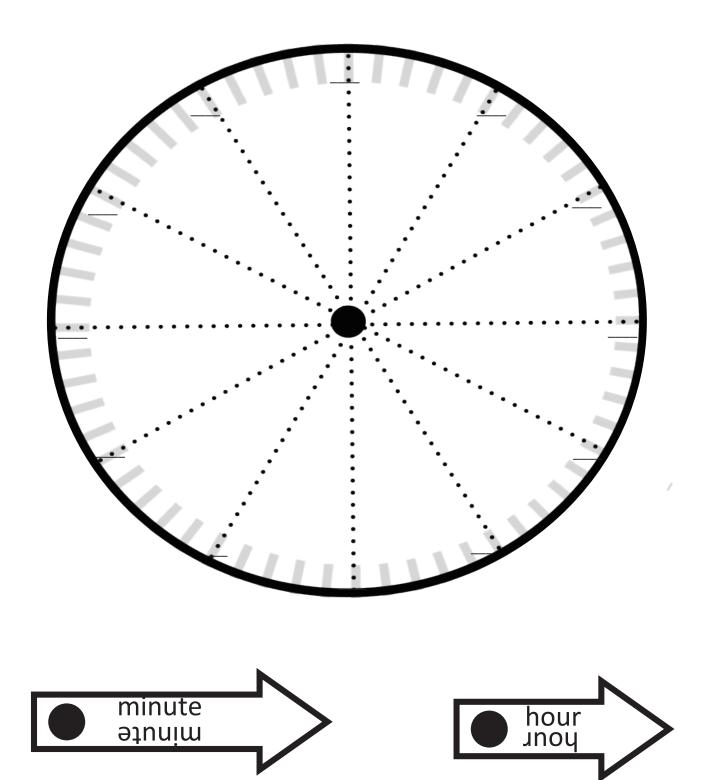
closed shape with 3 straight sides

rhombus

closed shape with 4 straight sides of the same length

shape description cards

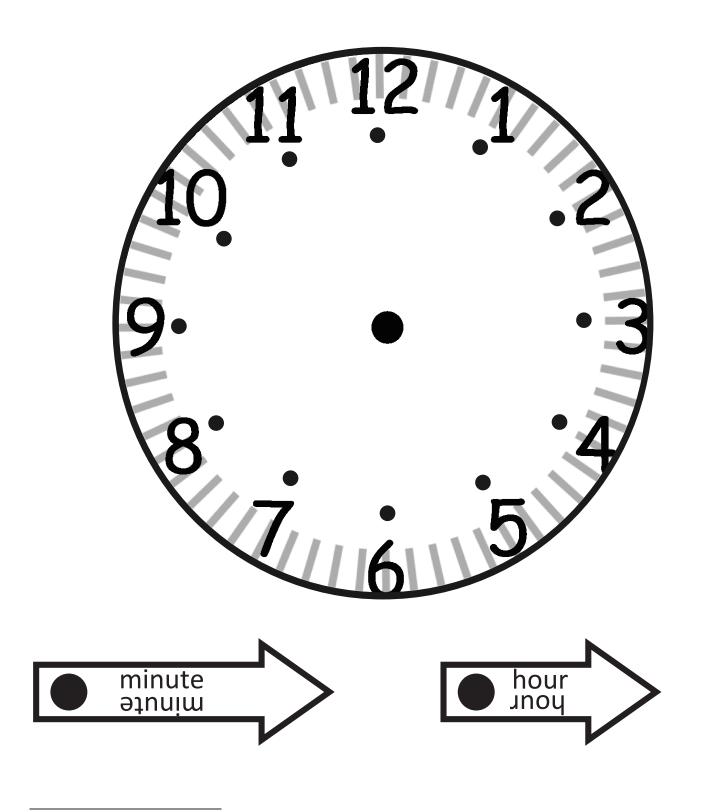




partitioned circle



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



additional paper clock with numbers

