

Name: _____

Section: _____

First Grade

American Math Homework #19



This week in class, we will learn **Chapter 12: Geometry – Two-Dimensional Shapes**. We will work on classifying and sorting two-dimensional shapes, identifying attributes of two-dimensional shapes, creating two-dimensional shapes, and composing more shapes.

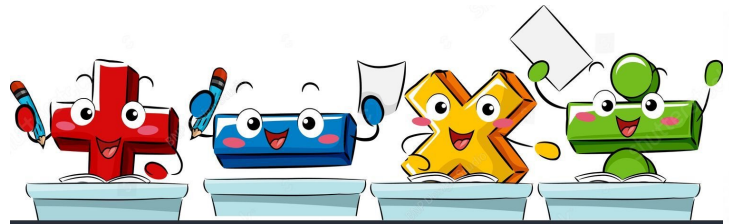
There will be a quiz on **Wednesday February 4th**. To review for the quiz, scholars can use this week's homework, Cinemath, and the IXL lessons below, as well as additional resources posted on Archie.

Scholars have access to the IXL math platform for additional practice and reinforcement of the daily lesson. There is no limit to how many times scholars can review the lessons. Below, please find practice modules scholars can complete from home to develop a deeper understanding of the daily lesson.

- | | | | |
|------|------|-------|-------|
| KK.1 | KK.6 | KK.9 | KK.13 |
| KK.2 | KK.7 | KK.10 | KK.14 |
| KK.4 | KK.8 | KK.11 | KK.15 |

Vocabulary

- | | | |
|---------------------|----------------|--------------|
| 1. Corners/Vertices | 7. Circle | 13. Octagon |
| 2. Side | 8. Semi-Circle | 14. Pentagon |
| 3. Curved | 9. Rectangle | |
| 4. Straight | 10. Trapezoid | |
| 5. Square | 11. Rhombus | |
| 6. Triangle | 12. Hexagon | |



Notes

Students **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper to the homework packet. **Failure to show your work will result in a lower grade.** Please complete the homework to the best of your abilities.

Monday January 26th – No Homework.

Tuesday January 27th – Page 537

Wednesday January 28th – Page 543

Thursday January 29th – Page 549

Friday January 30th – Page 555

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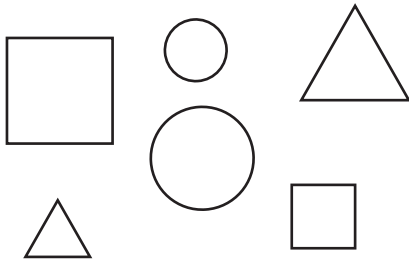
Classify and Sort Two-Dimensional Shapes

Go Online

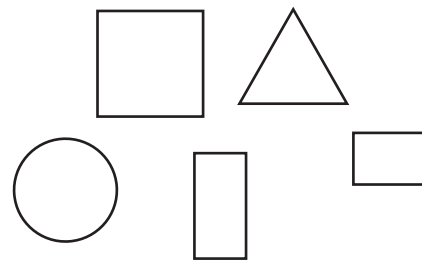
Interactive Examples

Read the sorting rule. Circle the shapes that follow the rule.

1. not curved

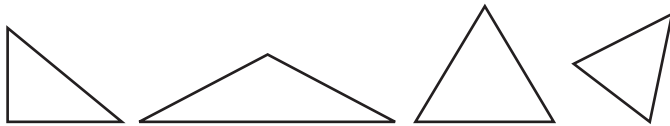



2. 4 vertices



Problem Solving

3. Shaana sorted these shapes. Write a sorting rule to tell how Shaana sorted.





4.  Math Explain how you would write a sorting rule for 1 square, 1 rectangle, and 1 triangle.

Name _____

Attributes of Two-Dimensional Shapes

Go Online

Interactive Examples

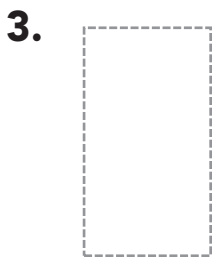
Use  to trace each straight side. Use  to circle each vertex. Write the number of sides and vertices.



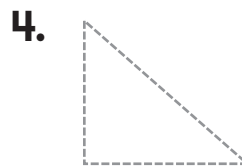
_____ sides
_____ vertices



_____ sides
_____ vertices



_____ sides
_____ vertices




_____ sides
_____ vertices

Problem Solving

Draw a shape to match the clues.

5. Ying draws a shape with 4 sides. She labels it as a rectangle.

6.  Use pictures and words to show the attributes of a hexagon.



Create Two-Dimensional Shapes

Go Online

Interactive Examples

Use pattern blocks. Draw to show the blocks.
Write how many blocks you used.

1. How many  make a ? 2. How many  make a ?



_____  make a .

_____  make a .


Problem Solving

Use pattern blocks. Draw to show your answer.

3. 2  make a .

How many  make 4 ?

_____  make 4 .

4.  **WRITE** Math Draw the shapes you could put together to make a rectangle.

Name _____

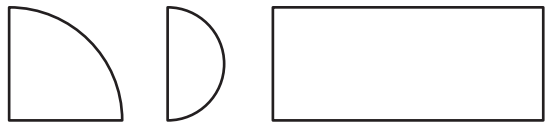
Compose More Shapes

Go Online

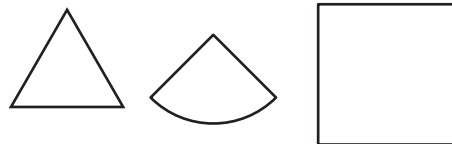
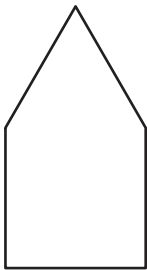
Interactive Examples

Circle two shapes that can combine to make the shape on the left.

1.

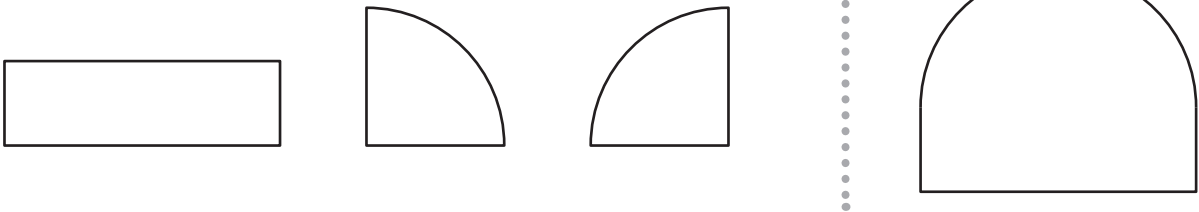



2.



Problem Solving

3. Draw lines to show how the shapes on the left combine to make the new shape.



4.  **WRITE** Math Draw two shapes. Then draw what they would look like if you put them together to make a new shape.

