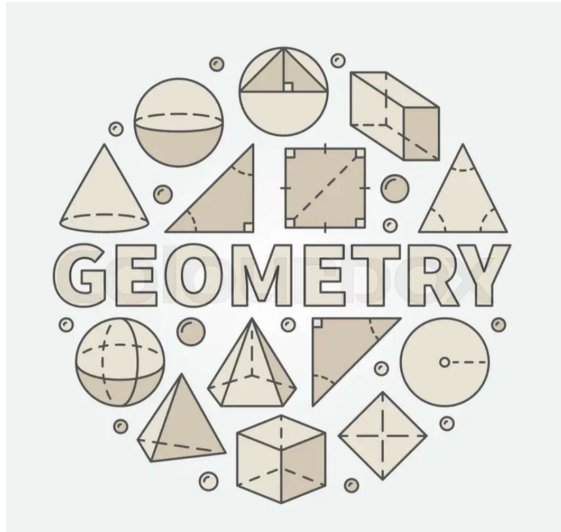


# HOMework 30

Due Thursday 4/17, upload no later than 8am.

Ελληνικά Μαθηματικά

Όνομα: \_\_\_\_\_



Quiz on Thursday 4/17

Name \_\_\_\_\_

**LESSON 25.3**  
**Practice and Homework**

# Describe Sides of Shapes

**Go Online**

Interactive Examples

Look at the dashed sides of the polygon. Tell if they appear to be *intersecting*, *perpendicular*, or *parallel*. Write all the words that describe the sides.



parallel

\_\_\_\_\_



\_\_\_\_\_



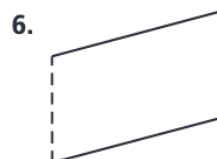
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

## Problem Solving

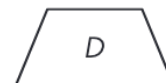
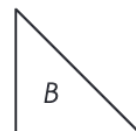
Use shapes A–D for 7 and 8.


7. Which shapes appear to have parallel sides?

\_\_\_\_\_

8. Which shapes appear to have perpendicular sides?

\_\_\_\_\_



9.  **WRITE** *Math* Give some examples of perpendicular lines inside or outside your classroom.

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

LESSON 25.1  
Practice and Homework

## Explore Lines, Rays, and Angles

Go Online

Interactive Examples

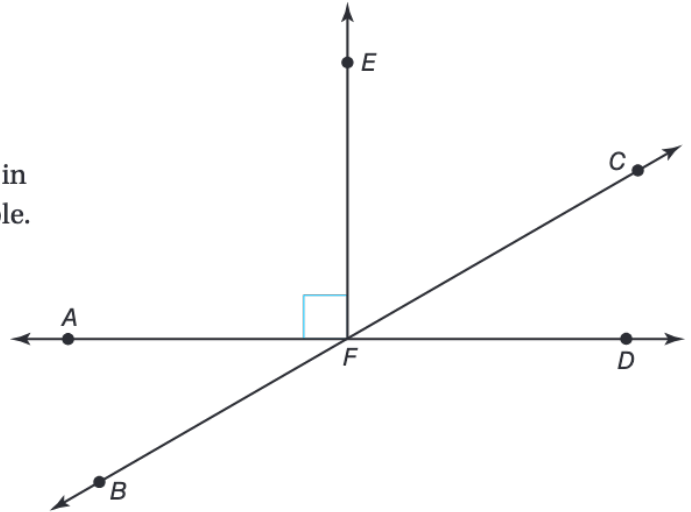
Use the figure for 1 and 2.

1. Name a line. \_\_\_\_\_
2. Name a right angle. \_\_\_\_\_
3. What shape has no endpoints and continues in both directions with no end? Draw an example.

\_\_\_\_\_

4. What shape shows a specific location?  
Draw an example.

\_\_\_\_\_




## Problem Solving

5. How many right angles are in this shape?



\_\_\_\_\_

6. Draw and label  $\overrightarrow{VW}$

7.  **WRITE** *Math* Draw and label a shape that has 4 points, 2 rays, 1 line, and 3 line segments.

Name \_\_\_\_\_

**LESSON 25.2**  
**Practice and Homework**

# Describe Angles in Shapes

**Go Online**

Interactive Examples

Use the corner of a sheet of paper to tell whether the angle is a *right angle*, *less than a right angle*, or *greater than a right angle*.



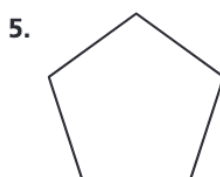
less than a right  
angle



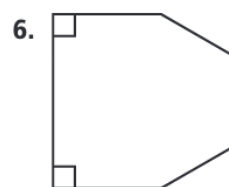
Write how many of each type of angle the shape has.



\_\_\_\_\_ right angle(s)  
\_\_\_\_\_ less than a right angle  
\_\_\_\_\_ greater than a right angle




\_\_\_\_\_ right angle(s)  
\_\_\_\_\_ less than a right angle  
\_\_\_\_\_ greater than a right angle



\_\_\_\_\_ right angle(s)  
\_\_\_\_\_ less than a right angle  
\_\_\_\_\_ greater than a right angle

## Problem Solving

7. Jeff has a square piece of art paper. He cuts across it from one corner to the opposite corner to make two pieces. What is the total number of sides and angles in both of the new shapes?

8.  **WRITE** *Math* Draw an example of a shape that has at least one square corner, one angle less than a right angle, and one angle greater than a right angle. Label the angles.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name \_\_\_\_\_

**LESSON 25.4**  
**Practice and Homework**

# Define Quadrilaterals

**Go Online**

Interactive Examples

Circle all the words that describe the quadrilateral.



parallelogram

square

rectangle

rhombus

trapezoid



parallelogram

square

rectangle

rhombus

trapezoid



parallelogram

square

rectangle

rhombus

trapezoid

Use the quadrilaterals below for 4–6.



4. Which quadrilaterals appear to have no right angles?

5. Which quadrilaterals appear to have 4 right angles?

6. Which quadrilaterals appear to have 4 sides of equal length?

## Problem Solving

7. A picture on the wall in Pilar's classroom has 4 right angles, 4 sides of equal length, and 2 pairs of opposite sides that are parallel. What quadrilateral best describes the picture?

8. **WRITE** *Math* Explain how a trapezoid and a rectangle are different.

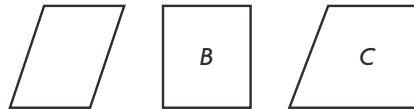
## Lesson Check

9. What word describes the quadrilateral shown below?



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10. Which quadrilaterals appear to have 2 pairs of opposite sides that are parallel?



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## Spiral Review

11. Use  $<$ ,  $>$ , or  $=$  to compare.

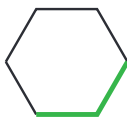
$$\frac{3}{8} \bigcirc \frac{5}{8}$$

12. Which of the following is not a multiple of 5?

10, 35, 45, 52, 55

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13. Which words describe the green sides shown? Write *intersecting*, *perpendicular*, or *parallel*.



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14. How many right angles does this shape have?



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