

Directions: Answer the following question(s).

1 MGSE4.G.1 (DOK 2)

How many obtuse angles, right angles, and acute angles are in the figure below?

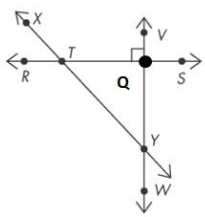


Obtuse angles _____

Right angles _____

Acute angles _____

2



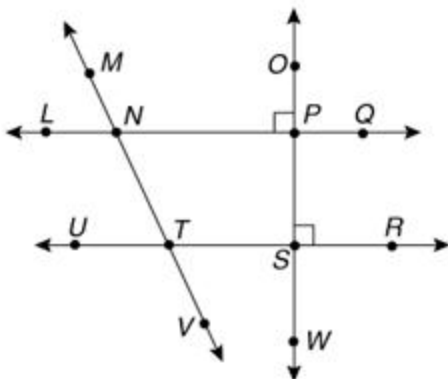
Name 2 acute angles _____

Name 2 obtuse angles _____

Name 2 right angles _____

3 MGSE4.G.1 (DOK 2)

Write a comparison statement about two angles or lines in the diagram below.



4 MGSE4.G.1 (DOK 2)

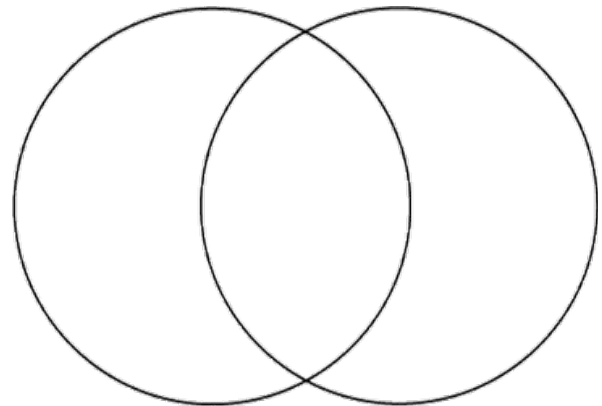
A E F H I K L

M N T V X Y Z

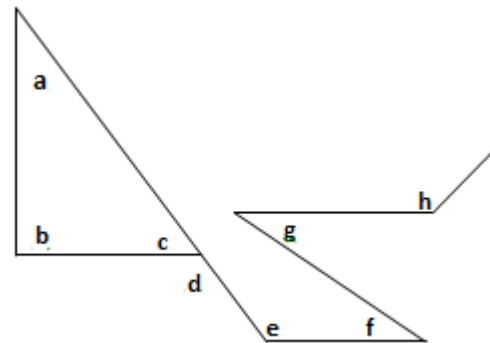
Morris noticed that many letters of the alphabet are comprised of only lines. He recorded all of the letters without curves. Then he sorted them according to which ones had parallel lines, which ones had perpendicular lines, which had both, and which had neither. Use the Venn diagram below to demonstrate how Morris should sort the letters of the alphabet.

Make sure to use every letter.

Parallel lines
Perpendicular lines



5 MGSE4.G.1 (DOK 3)



State the acute, obtuse, and right angles in the figure above. How do you know the angles are acute, obtuse, or right?

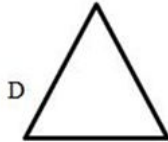
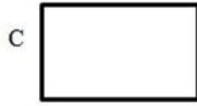
Directions: Answer the following question(s).

6 MGSE4.G.2 (DOK 2)

Look at the rectangle below. Show how to transform the rectangle into two right triangles.



7 MGSE4.G.2 (DOK 2)

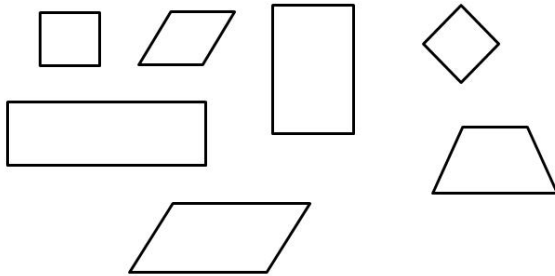


Which of the shapes above have both parallel and perpendicular lines?

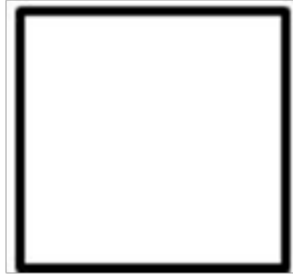
- A. A and C
- B. B and C
- C. A and B
- D. A and D

8 MGSE4.G.2 (DOK 2)

Jerome was working on an art piece. He wanted to use only rectangles. Circle the quadrilaterals that he could use.



9 MGSE4.G.2 (DOK 3)



David and Tanya are trying to classify the shape above. David says it is a square. Tanya insists that it is a rectangle. Who is correct and why?

- A. David is correct because the figure has 2 sets of parallel lines that are congruent.
- B. David is correct because the figure has 2 sets of parallel lines, 4 right angles, and equal side lengths.
- C. Tanya is correct because the figure has 2 sets of parallel lines and 4 right angles.
- D. They are both correct. David is correct because the figure has 2 sets of parallel lines, 4 right angles, and equal side lengths. Tanya is correct because the figure has 2 sets of parallel lines and 4 right angles.

10 MGSE4.G.2 (DOK 3)

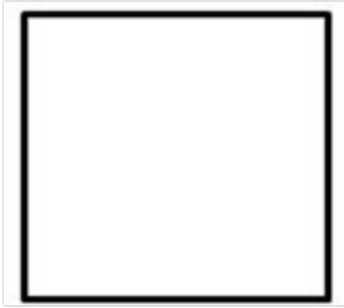
Janis drew the following quadrilateral.



Identify which quadrilateral she drew. Justify your decision using the features of the quadrilateral.

Directions: Answer the following question(s).

11 MGSE4.G.3 (DOK 2)




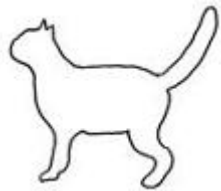


Vonda drew all the possible lines of symmetry on the square shown above.

How many lines of symmetry did Vonda draw?

- A. 1 line of symmetry
- B. 2 lines of symmetry
- C. 4 lines of symmetry
- D. 8 lines of symmetry

12 MGSE4.G.3 (DOK 2)

Which picture below contains at least 1 line of symmetry?

- A. 
- B. 
- C. 
- D. 

13 MGSE4.G.3 (DOK 2)

Look at the figure below. Complete the figure so that it has 1 line of symmetry.



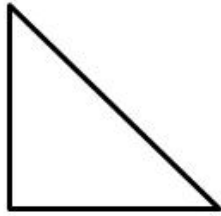
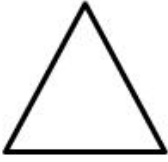
14 MGSE4.G.3 (DOK 2)

How many lines of symmetry does the hexagon below have? Draw the lines of symmetry on the figure.



Directions: Answer the following question(s).

15 MGSE4.G.3 (DOK 3)



Look at the two triangles above. Draw as many lines of symmetry as you can in each triangle. Then explain why one triangle has more lines of symmetry than the other.