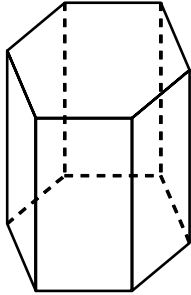


Name: _____

Date: ____/____/____

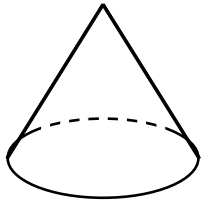
Unit 6 Review Packet

1. Which best describes the solid?



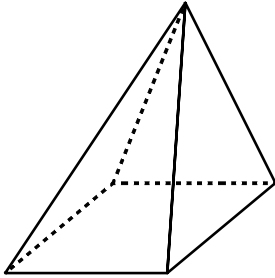
- [A] pyramid
- [B] cube
- [C] cone
- [D] prism

2. Which best describes the solid?



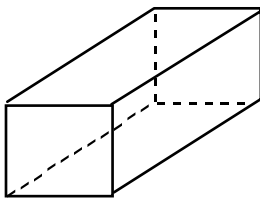
- [A] prism
- [B] cone
- [C] cube
- [D] pyramid

3. What is the name of the solid shown below?



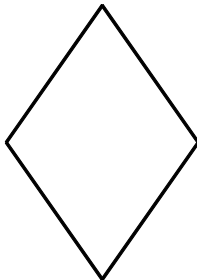
- [A] sphere
- [B] pyramid
- [C] cube
- [D] prism

4.

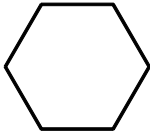


- a. How many faces?
- b. How many vertices?
- c. How many edges?

5. Classify the figure as quadrilateral, parallelogram, rectangle, rhombus, square, or trapezoid.
List all that apply.

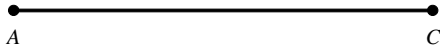


6. Name the figure.



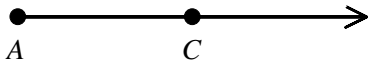
- [A] octagon
- [B] circle
- [C] hexagon
- [D] quadrilateral

7. Which of the following symbols names the figure below?



- [A] C
- [B] \overleftrightarrow{AC}
- [C] \overline{AC}
- [D] A

8. Which of the following symbols names the figure below?



- [A] \overrightarrow{AC}
- [B] AC
- [C] \overleftarrow{AC}
- [D] \overleftrightarrow{AC}

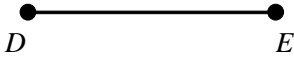
9. a. Draw line segments to form a quadrangle.



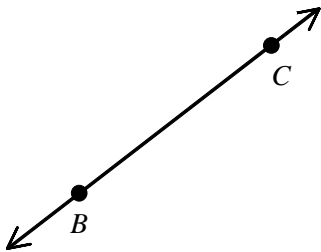
b. Name the quadrangle in 4 different ways.

c. Which angle is a right angle?

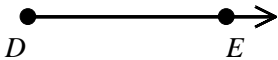
10. Draw a line segment, \overline{YZ} , that is parallel to \overline{DE} .



11. Draw a segment, \overline{RS} , that intersects \overleftrightarrow{BC} .



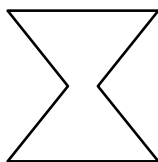
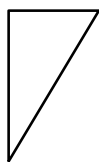
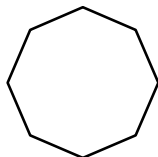
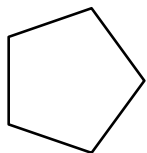
12. Draw a ray, \overrightarrow{NO} , that is parallel to \overrightarrow{DE} .



13. Draw a quadrangle, $IJKL$, with four right angles.

14. a. Which shape does *not* have a line of symmetry?

b. Draw the lines of symmetry for each of the shapes that do have line symmetry.



15. Draw a picture of each turn.

Draw a curved arrow to show the direction of the turn. The vertex of the angle and one side have already been drawn for you.

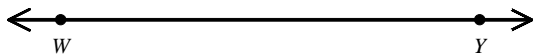
a. $\frac{3}{4}$ turn clockwise



b. $\frac{1}{2}$ turn counterclockwise



16. Which of the following symbols names the figure below?



[A] Y

[B] \overline{WY}

[C] \overleftrightarrow{WY}

[D] W

17. Which of the following symbols names the figure below?



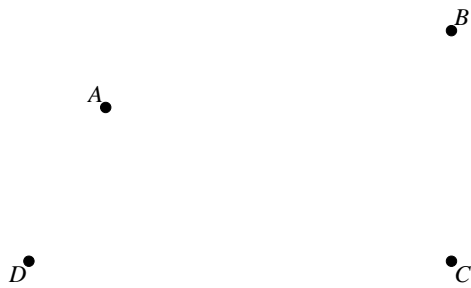
[A] Y

[B] \vec{Y}

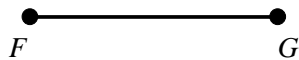
[C] \overline{Y}

[D] \overleftarrow{Y}

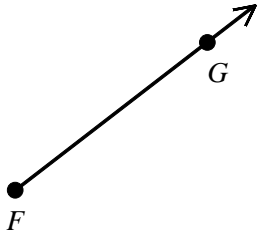
18. Draw line segments to form a quadrangle.



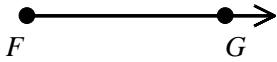
19. Draw a line segment, \overline{PQ} , that is parallel to \overline{FG} .



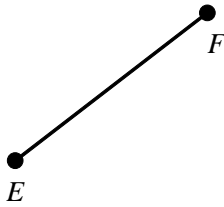
20. Draw a ray, \overrightarrow{PQ} , that intersects \overrightarrow{FG} .



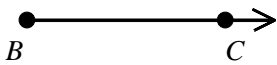
21. Draw a ray, \overrightarrow{VW} , that is parallel to \overrightarrow{FG} .



22. Draw a line, \overleftrightarrow{XY} , that intersects \overline{EF} .



23. Draw a ray, \overrightarrow{MN} , that is parallel to \overrightarrow{BC} .



24. Draw a picture of each turn.

Draw a curved arrow to show the direction of the turn. The vertex of the angle and one side have already been drawn for you.

a. $\frac{1}{4}$ turn clockwise



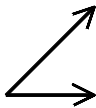
b. $\frac{3}{4}$ turn counterclockwise



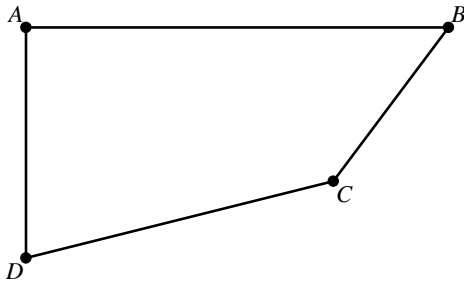
25. Multiply.

$$2 \times 7 = \underline{\quad}$$

26. Look at the angle drawn below. Identify whether it is a right angle, greater than a right angle, or less than a right angle.



27. Which angle is a right angle?

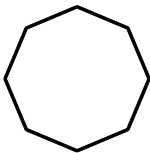


28. Draw a quadrangle, $WXYZ$, with two right angles.

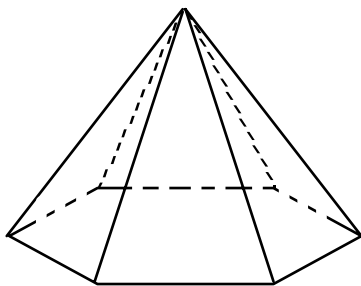
29. Name the shape of a party hat.



30. Name the polygon.

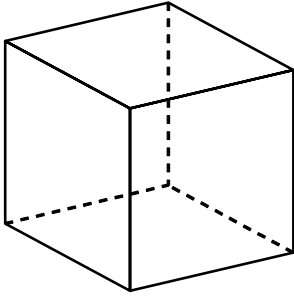


31.



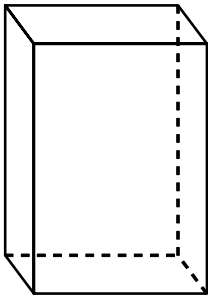
- How many faces?
- How many vertices?
- How many edges?

32. Which best describes the solid?



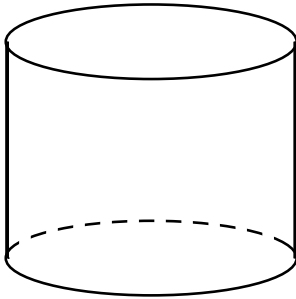
- [A] cone
- [B] cube
- [C] pyramid
- [D] cylinder

33. Which best describes the solid?



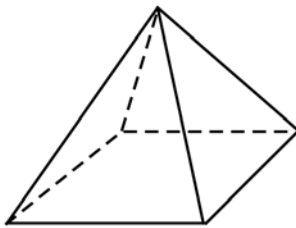
- [A] pyramid
- [B] sphere
- [C] cone
- [D] prism

34. What is the name of the solid shown below?



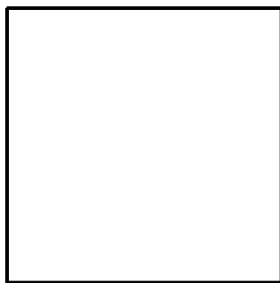
- [A] cylinder
- [B] pyramid
- [C] cone
- [D] sphere

35.

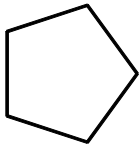


- a. How many faces?
- b. How many vertices?
- c. How many edges?

36. Classify the figure as quadrilateral, parallelogram, rectangle, rhombus, square, or trapezoid. List all that apply.

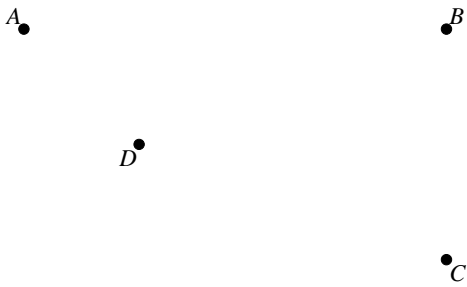


37. Name the figure.

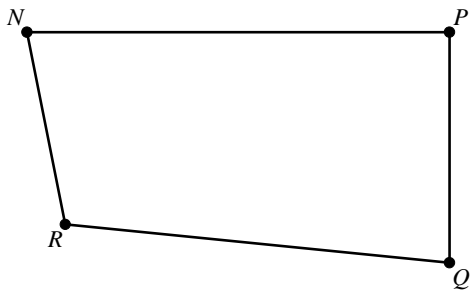


- [A] octagon
- [B] triangle
- [C] hexagon
- [D] pentagon

38. Draw line segments to form a quadrangle.



39. Name the quadrangle in 4 different ways.



40. a. Which shape does *not* have a line of symmetry?
b. Draw the lines of symmetry for each of the shapes that do have line symmetry.

