

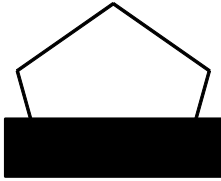
Name: _____

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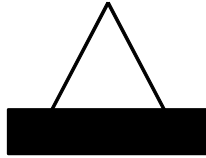
Chapter 1 Review Packet

1. Part of each polygon below is hidden. One of the 3 polygons is a **parallelogram**, another is a regular **pentagon**, and another is a **triangle**. Write the correct name of each polygon.

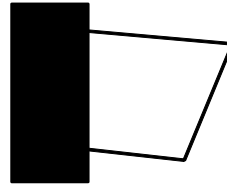
a.



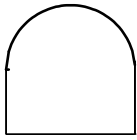
b.



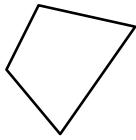
c.



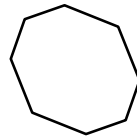
2.



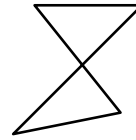
A



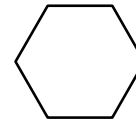
B



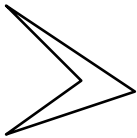
C



D



E



F

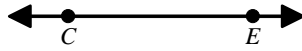
- a. Which of the above shapes are not polygons?
b. Choose one of the shapes that is not a polygon. Tell why it is not a polygon.
3. I am a quadrangle.
I have 4 right angles.
I have 4 equal sides.
- a. What am I?
b. Draw a picture of me.
c. Use the letters A, B, C, and D to label the vertices of the quadrangle you drew.
d. Name the quadrangle in four different ways.
4. Draw \overrightarrow{PQ} parallel to \overline{RS} . Draw line LM so that it intersects ray PQ and line segment RS .

Fill in the ovals below to show your answers. There may be more than one correct answer, so you may need to fill in more than one oval.

5. \overleftrightarrow{CE}

\overline{CE}

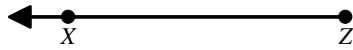
\overrightarrow{EC}



6. \overleftrightarrow{XZ}

\overline{XZ}

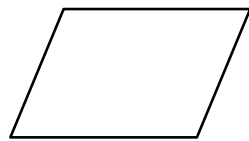
\overrightarrow{ZX}



7. parallelogram

trapezoid

quadrangle



8. trapezoid

rhombus

pentagon



9. a. Sketch each figure in the third column of the table.

Label	Geometric Figure	Sketch
A	rhombus	
B	parallel line segments	
C	right angle	
D	hexagon	

b. Use your Geometric Template and straightedge to draw a picture. Include as many geometric figures listed in the table as you can. Label each figure in your picture with its letter from the table.