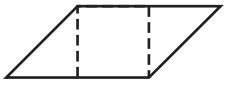
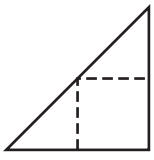
Name _____

Topic **11**
Test

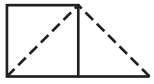
1. Felipe cut this parallelogram on the dashed lines and rearranged all of the pieces to make a new shape. Which is NOT a shape he could have made? (11-7)



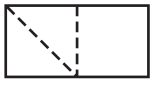
A



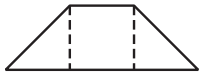
C



B



D



2. Which of these clock faces has hands that form an obtuse angle? (11-2)

A

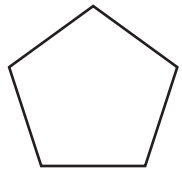
B

C

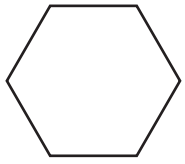
D

3. Chenoa made a place mat in the shape of a pentagon. Which one shows the shape of Chenoa's place mat? (11-3)

A

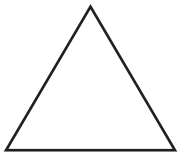


B

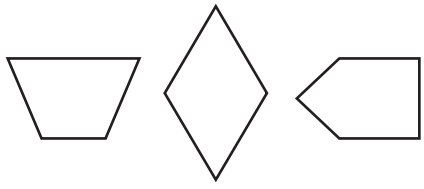


C

D



4. Which statement best describes all of these polygons? (11-9)



A They have 4 sides.

B They have exactly 1 acute angle.

C They have a right angle.

D They have 2 obtuse angles.

Name _____

5. Which polygon describes the shape of this stop sign? (11-3)

A Pentagon

B Octagon

C Hexagon

D Quadrilateral

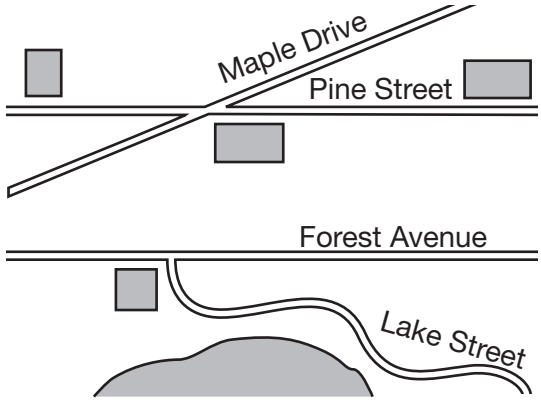
6. Name three different types of quadrilaterals that have two pairs of parallel sides. (11-5)

_____

_____

_____

7. Look at the map of the town below. Which two streets intersect? (11-1)



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_____

Name _____

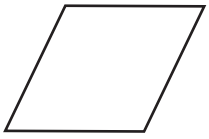
8. How many squares are in this tile design? (11-8)

_____

9. Jen drew this triangle on the board. What kind of triangle did she draw? (11-4)

_____

10. Explain why this shape cannot be called a square. (11-5)



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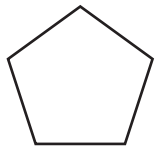
_____

11. Gloria wanted to cut the shape below into new shapes. She cut along two diagonals from the same vertex. Draw line segments to show where she may have cut. (11-6)



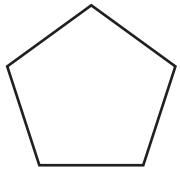
What new shapes were made by Gloria's cuts?

_____

12. How many diagonals can you draw from the vertex of an octagon? (11-3)

_____

13. Name the polygon shown below. (11-3)



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