

Name \_\_\_\_\_ Period \_\_\_\_\_

Score: \_\_\_\_\_ / 25

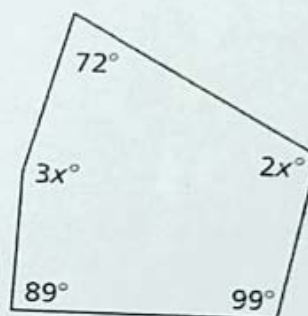
**25-E** Chapter 7 Quiz # 1  
TEST PRACTICE HW

1. Draw a diagram to represent each situation.

A CONCAVE quadrilateral	A CONVEX quadrilateral	A REGULAR quadrilateral

2. Use the diagram to answer the following questions

a. The sum of the interior angles = \_\_\_\_\_



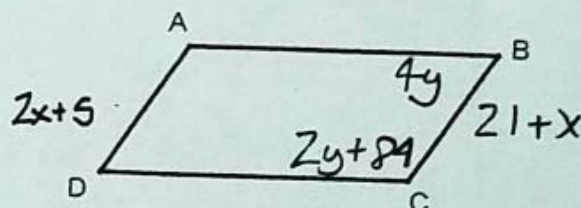
b. The value of  $x$  = \_\_\_\_\_

3. Name the convex polygon whose interior angles measure .  $1080^\circ$

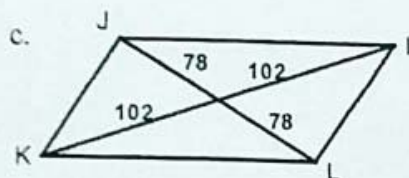
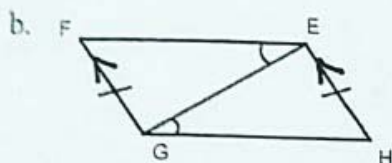
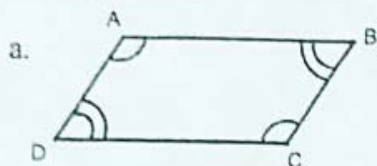
4. In the diagram below, ABCD is a parallelogram. Find each measure. Show appropriate work!!!!

a.  $BC$  = \_\_\_\_\_

b.  $m\angle C$  = \_\_\_\_\_



5. Determine if each quadrilateral is a parallelogram. Justify your answer by stating the theorem used, or a description of the theorem in "if  $\rightarrow$  then" form.



I know this is a parallelogram because ...  
(Multiple choice)


- a. One pair of angles are congruent.  
b. It looks like it should be.  
c. Both pairs of opposite sides are parallel.

- a. It has four right angles.  
b. One pair of opposite sides are congruent.  
c. Both pairs of opposite sides are congruent.

- a. All the sides are the same.  
b. Both pairs of opposite angles are congruent.  
c. It probably has a diagonal.

- a. One pair of opposite sides are congruent.  
b. One pair of opposite sides are parallel.  
c. One pair of opposite sides are congruent and parallel.

- a. The diagonals bisect each other.  
b. The diagonals are congruent to each other.  
c. It looks cool.