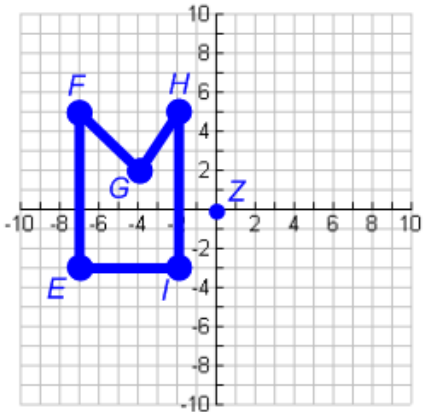


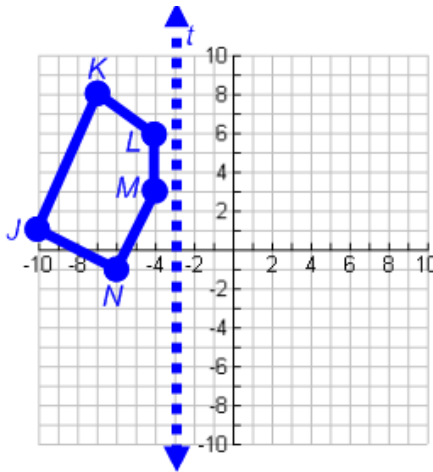
Show all work neatly, and circle your answers.

CL 1-128 Perform the indicated transformations. Label each image with prime notation ($A \rightarrow A'$).

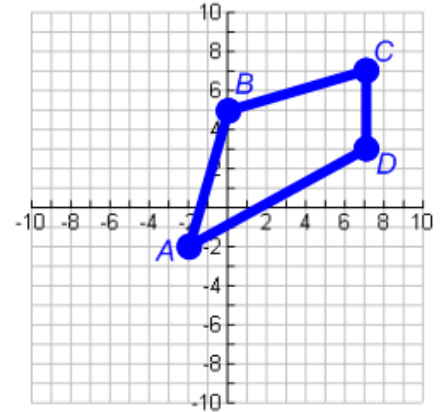
a. Rotate $EFGHI$ 90° clockwise \cup about point Z



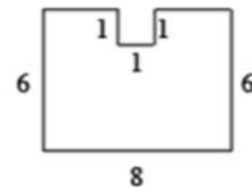
b. Reflect $JKLMN$ over line t



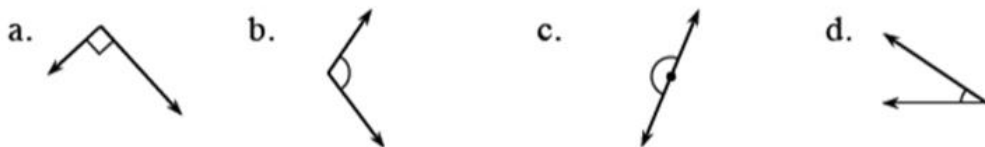
c. Translate $ABCD$ down 5 units and right 3 units



CL 1-129. Assume that all angles in the diagram at right are right angles and that all the measurements are in centimeters. Find the perimeter of the figure.



CL 1-130. Estimate the measures of the angles below. Are there any that you know for sure?

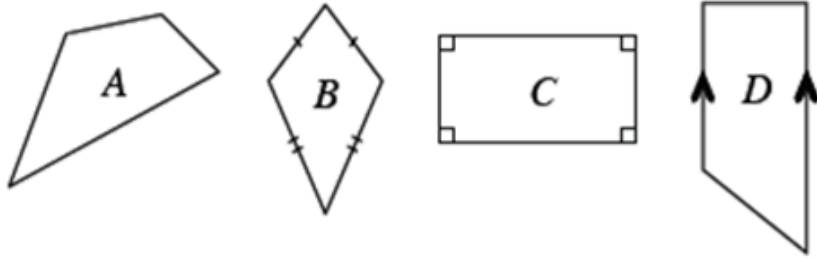


CL 1-131. Examine the angles in problem CL 1-130. If these four angles are placed in a bag, what is the probability of randomly selecting:

- _____ a. An acute angle
- _____ b. An angle greater than 60°
- _____ c. A 90° angle
- _____ d. An angle less than or equal to 180°

CL 1-132

Examine the shapes below. Describe what you know about each shape based on the information provided in the diagram. Then name the shape.



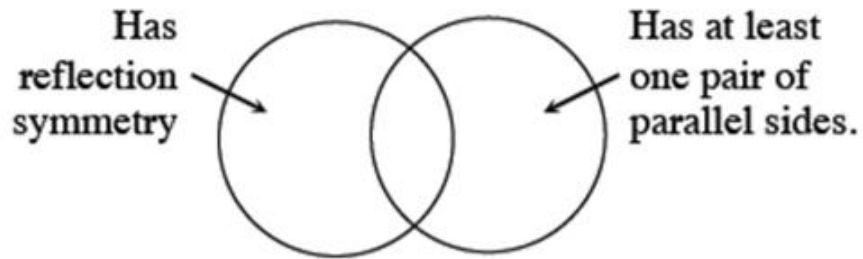
A.

B.

C.

D.

Decide where each shape would be placed in the Venn diagram below.



CL 1-133. Solve the equations below. Check your solutions. Show all of your work.

a. $3x - 12 + 10 = 8 - 2x$

b. $\frac{x}{7} = \frac{3}{2}$

c. $5 - (x + 7) + 4x = 7(x - 1)$

d. $x^2 + 11 = 36$

CL 1-134. Find the value of y for each equation twice: first for $x = 8$, then for $x = -3$.

a. $y = x^2 + 13x + 8$

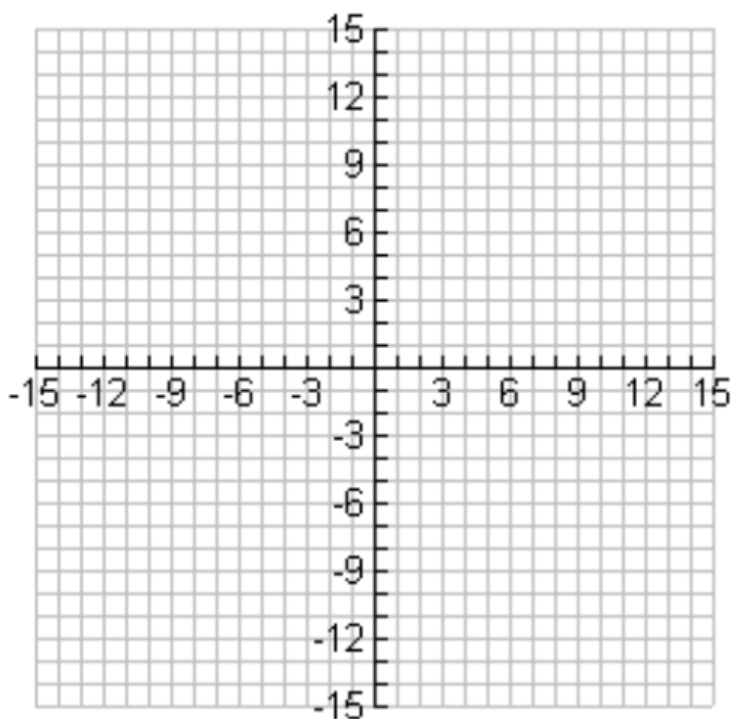
b. $y = 6x - 2$

CL 1-135. Graph and connect the points in the table below. Then graph the equation in part (b) on the same set of axes. Also, find the equation for the data in the table.

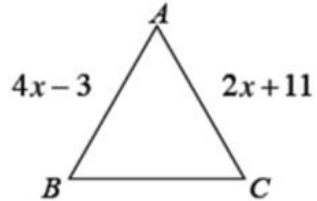
a.

x	-4	-3	-2	-1	0	1	2	3	4
y	-5	-3	-1	1	3	5	7	9	11

b. $y = x^2 + x - 2$



CL 1-136. $\triangle ABC$ at right is equilateral. Use what you know about an equilateral triangle to write and solve an equation for x . Then find the perimeter of $\triangle ABC$.



CL 1-137 The following questions are part of the grade for this packet – do not skip them! Take a few minutes to reflect on the closure packet, as well as the work you have done in this chapter. Be complete and specific in your answers. If there are things that you need help with, be sure to **SEE YOUR TEACHER OR GO TO MATH HELP BEFORE THE DAY OF THE TEST!**

Which **problems** in the closure packet do you feel confident about?

Which **problems** were difficult?

Make a list of **topics** from the chapter that you feel **you need to practice more.**

Make a list of **topics** from the chapter you feel **you need help with.**