

Name: _____

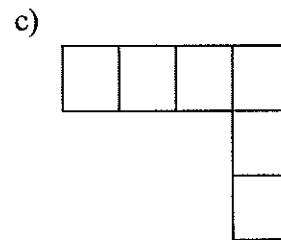
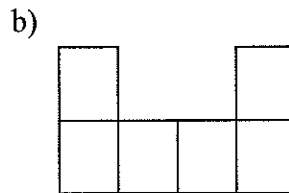
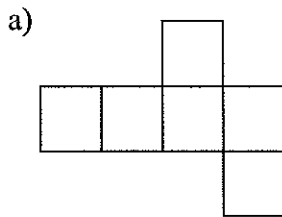
Period: _____

Geometry Chapter 1 quiz review

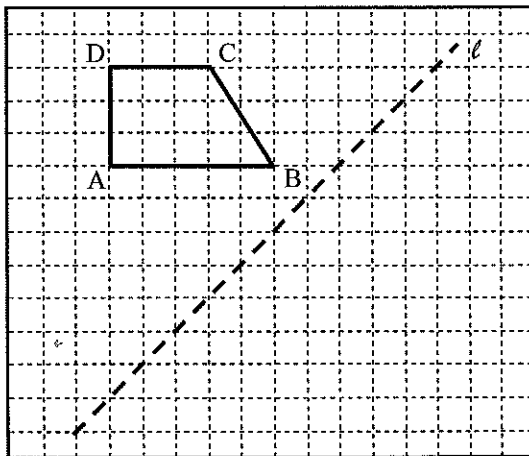
SHOW ALL WORK!

1) Mark had to work on Tuesday night from 4pm –8pm. In order to play in his football game, he can only miss one practice out of the 4 practices per week. Practices are held on Monday, Tuesday, Wednesday, and Thursday nights. Mark did not play in the game on Friday night. Did Mark attend football practice on Thursday night? Explain your reasoning.

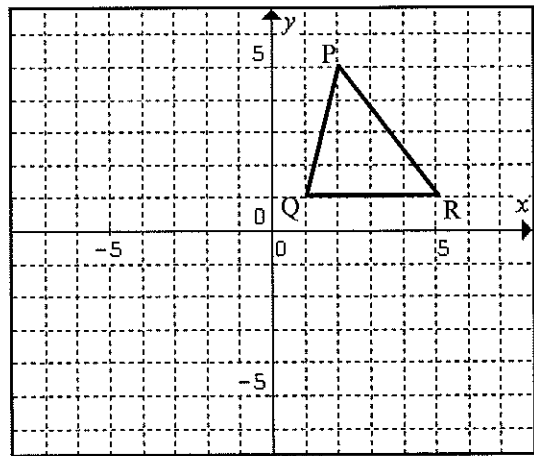
2) Will the following nets fold to form a complete box?



3) a) Reflect ABCD across line ℓ

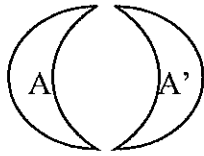


b) Rotate $\triangle PQR$ 90° clockwise (\curvearrowright) about the origin.

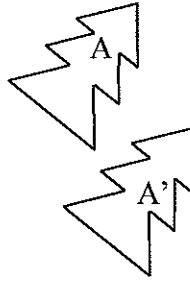


4) Identify the transformation that occurred from A to A'.

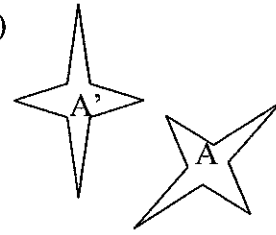
a)



b)

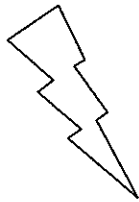


c)

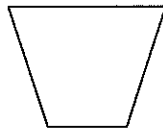


5) Draw in all lines of reflection symmetry. If there are no symmetry lines, state "NONE".

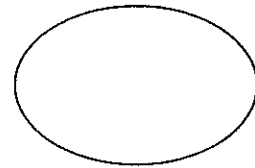
a)



b)

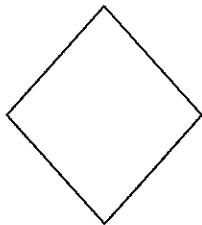


c)

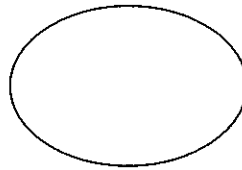


6) State the degree of rotational symmetry. If no rotational symmetry exists, state "NONE".

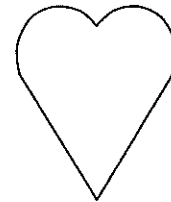
a)



b)



c)



7) Solve for x .

a) $\frac{8}{x} = \frac{2}{3}$

b) $8x - (4 - 5x) = 10x - 7$