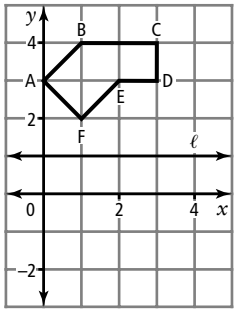
Name: _____ Date: _____

1.1 Warm Up

1. Line ℓ is the line of reflection. Draw the reflection image of each figure. Name the coordinates of the reflection image.

a)

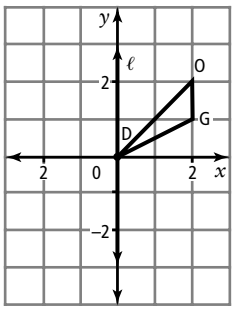


A′ (_____, _____) D′ _____

B′ (_____, _____) E′ _____

C′ _____ F′ _____

b)



D′ _____

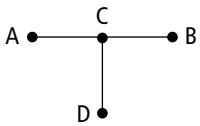
O′ _____

G′ _____

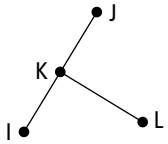
2. Circle the diagrams that show 2 perpendicular line segments.

Line segments are perpendicular ($\perp$) if they meet at right angles.

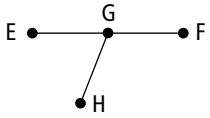
a)



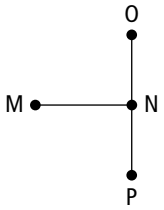
b)



c)

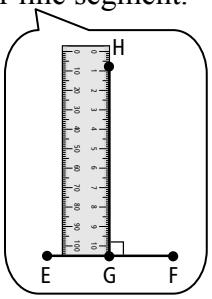


d)

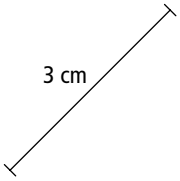


3. Use a ruler to draw a perpendicular line segment.

a) 4 cm



b)



4. List 2 examples of perpendicular line segments in your classroom.

_____

_____