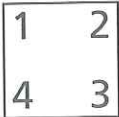

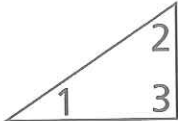



1.2: (p.12) Planning Parks

February 3, 2016

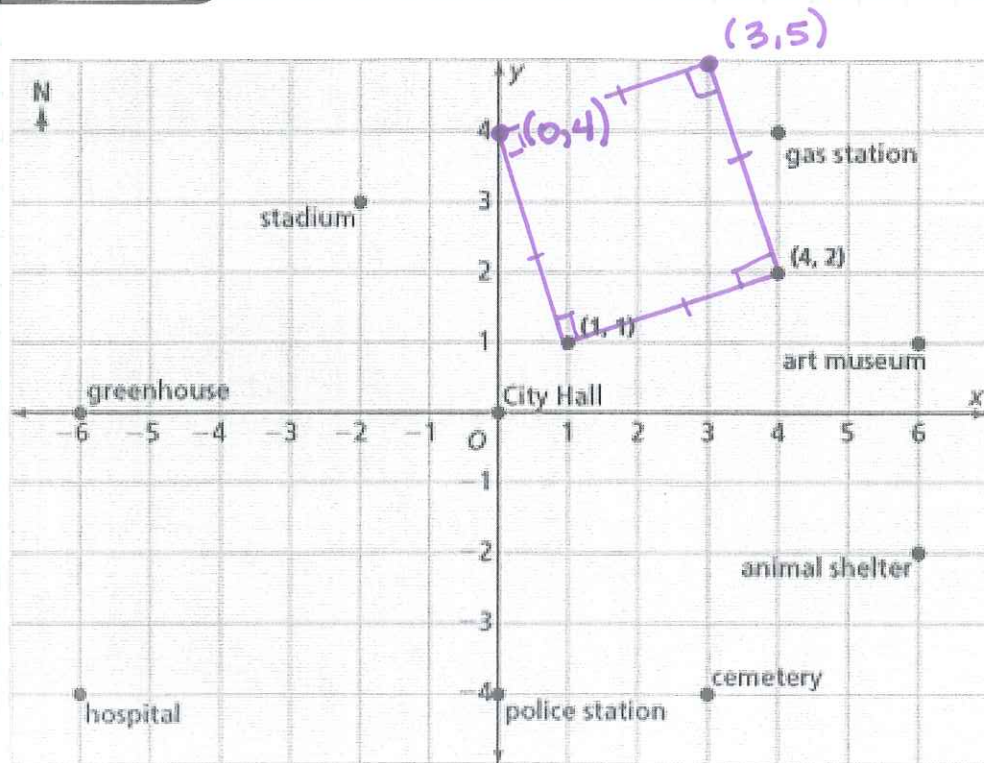
Focus Question: "How do the coordinates of endpoints of a segment help draw other lines, which are parallel or perpendicular to the segment?"

Polygon Properties:

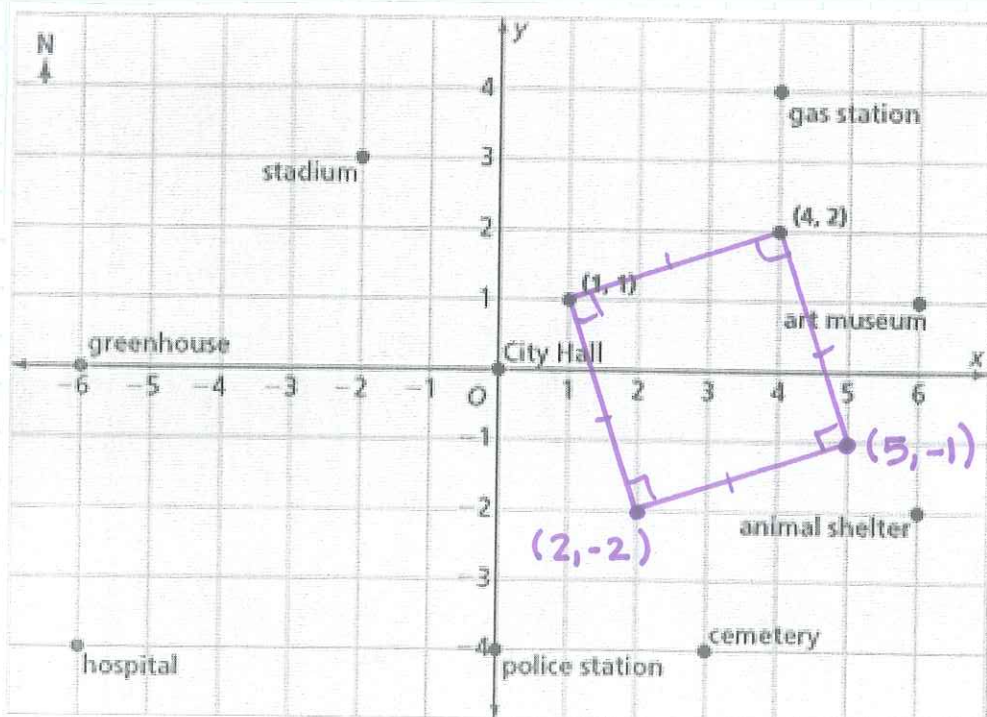
Polygon	Properties
 square	This quadrilateral has four sides with the same length and four angles of the same measure.
 nonsquare rectangle	This quadrilateral has opposite sides with the same length and four angles of the same measure.
 right triangle	This is a triangle with a right angle at one of the three vertices.
 parallelogram	This is a quadrilateral with opposite sides parallel and of the same length and opposite angles of the same measure.

NOTE: Angles 1 and 3 and angles 2 and 4 are opposite angles in the quadrilaterals above.

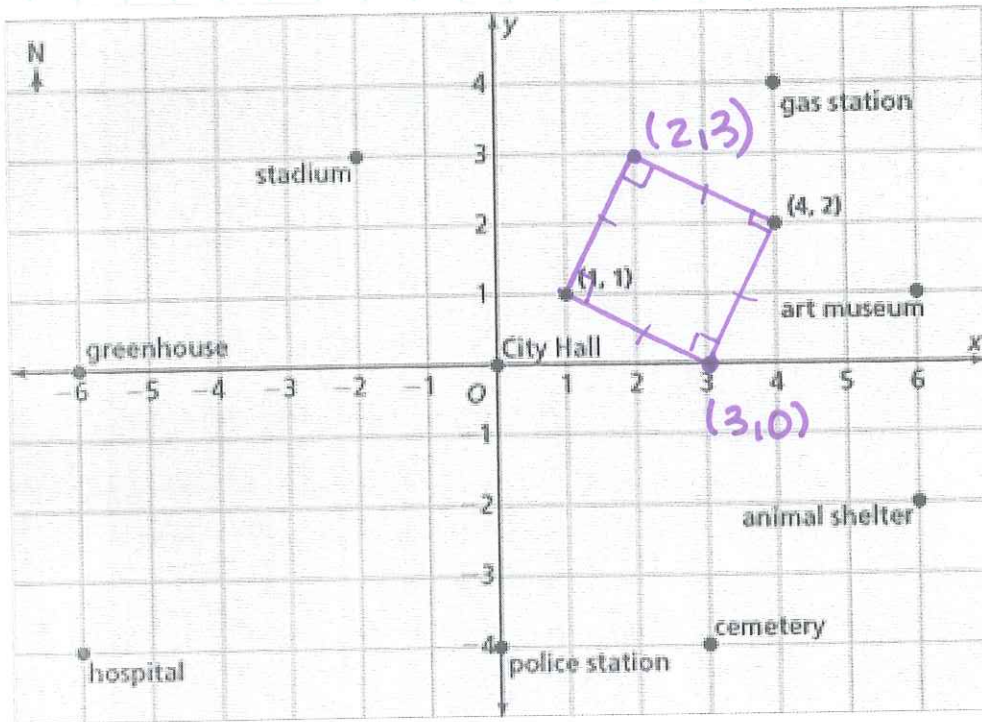
(A) Possible Answers: (there are 3)
(3,5) and (0,4)



or (2,-2) and (5,-1)

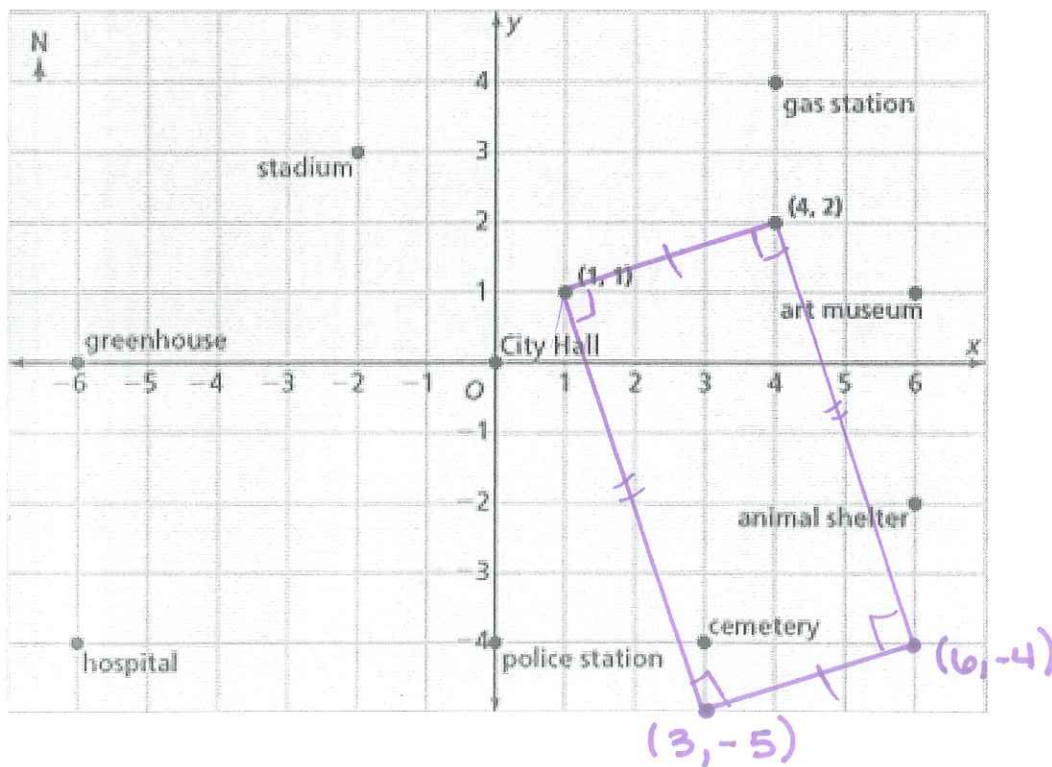


or $(2,3)$ and $(3,0)$



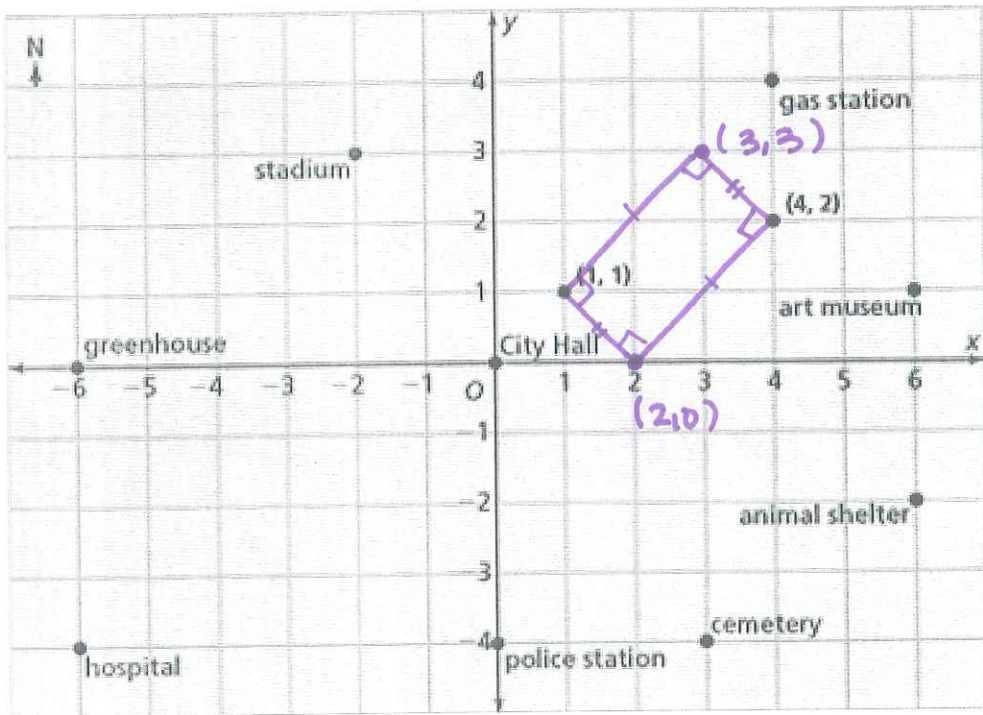
These shapes are squares because they have four sides with equal side lengths and there is a right angle at each vertex.

Ⓑ Possible Answers: (there are an infinite amount of possible answers)

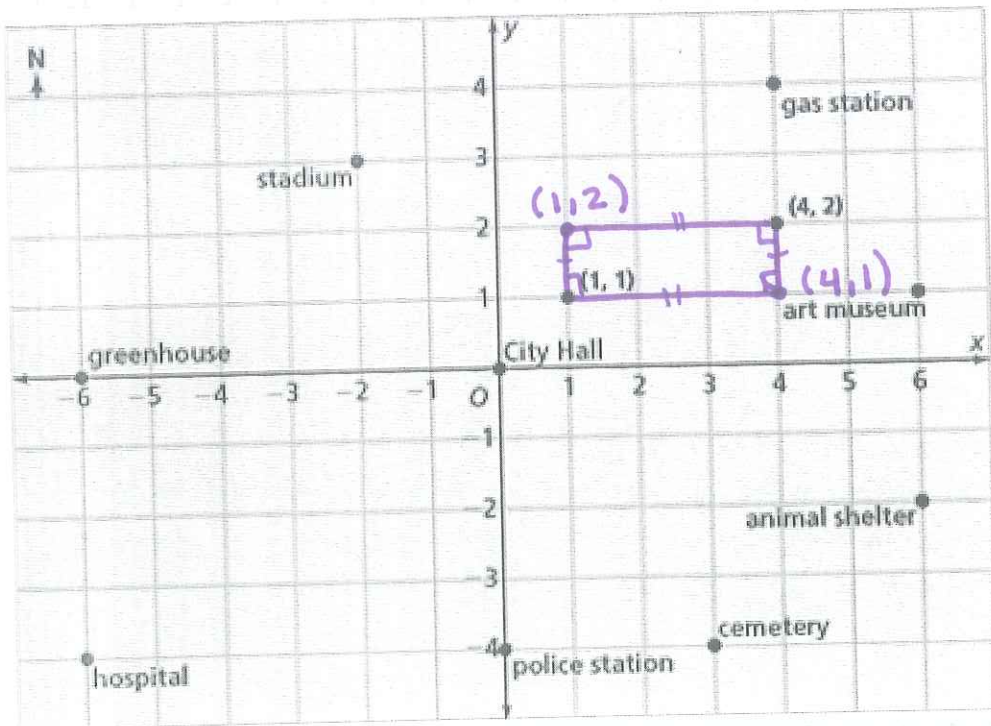


$(3,-5)$ and
 $(6,-4)$

or $(2,0)$ and $(3,3)$

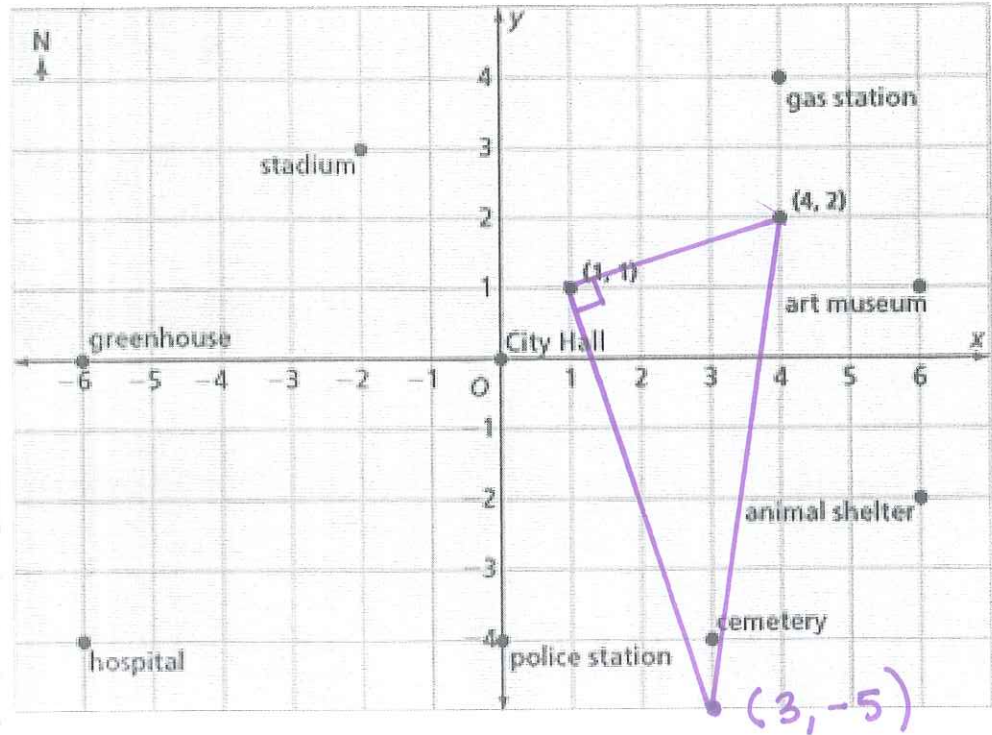


or $(1,2)$ and $(4,1)$

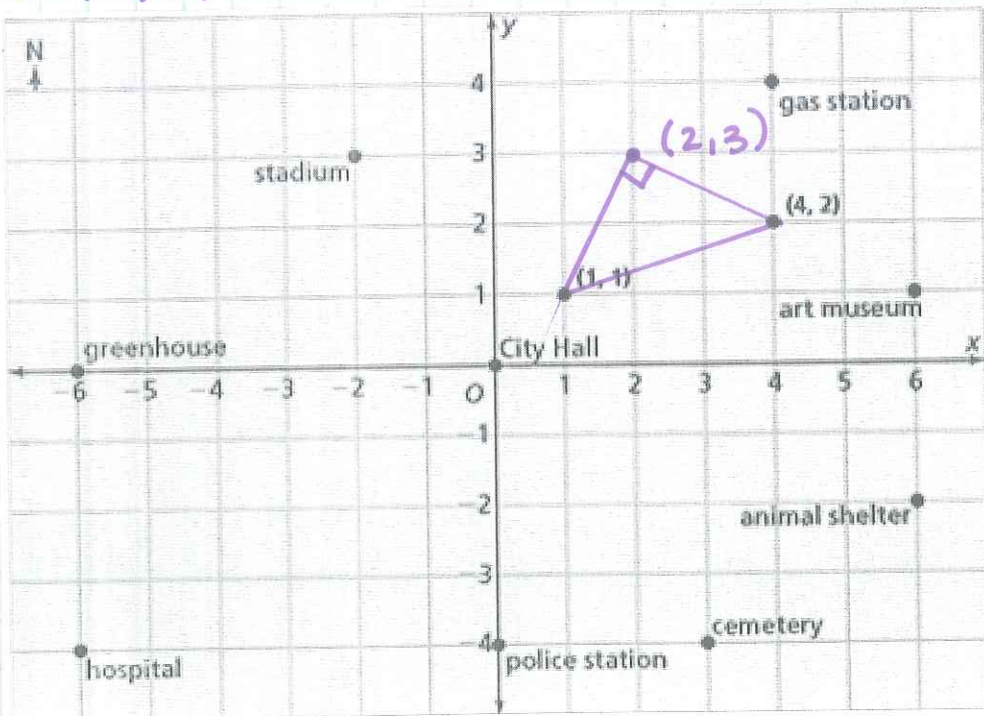


© Possible Answers : (there are infinitely possible answers)

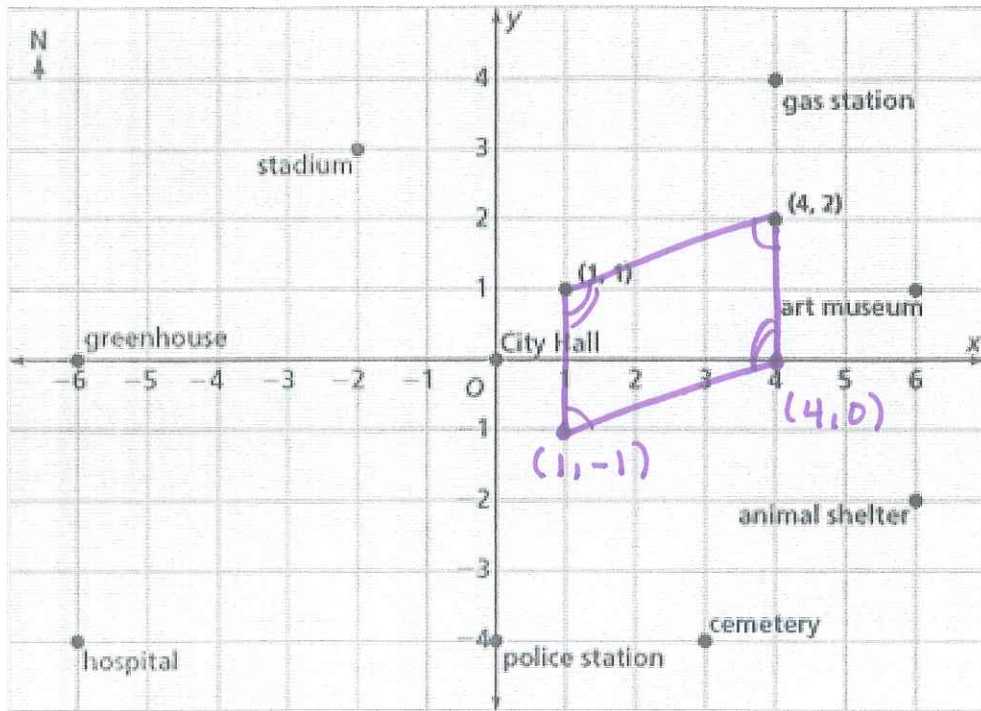
$(3, -5)$



or $(2, 3)$



ⓓ Possible Answer: (there are infinitely many possible answers)



$(1, -1)$ and
 $(4, 0)$

End of notes.

★ HW due 2/4:

8-10 on page 15

35-36 page 18

41 page 19 - OPTIONAL