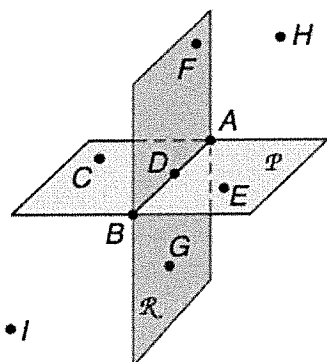


Test #1 Review

Name: _____

1) I can identify and label a point, line, segment, ray and plane.

a)



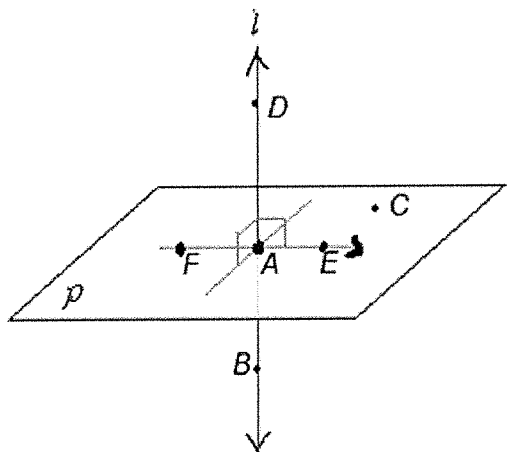
Name a point _____

Name a segment _____

Name the horizontal plane in two different ways _____

Are points B, C and I coplanar? Why?

b)



Name all possible lines, rays and segments formed by points D and B

Name the vertical line in two different ways _____

\overrightarrow{AE} is an example of _____

Name all the coplanar points related to the given plane _____

Name all the points not on the given plane _____

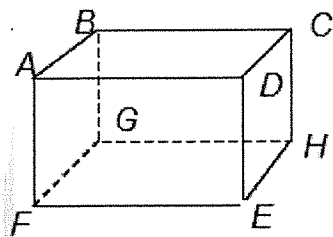
Are points A, B and C collinear? Why?

Are points C and D collinear? Why?

Name two opposite rays _____

Name the given plane in two different ways _____

c)



Name the plane represented by the top of the box. _____

Name the intersection of plane DCH and plane ABC _____

Name the intersection of plane FGH, plane BCH and plane ABF _____

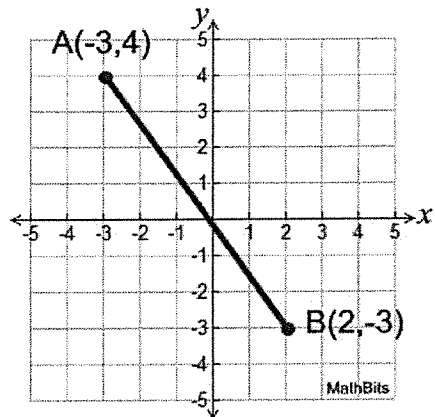
Modify the drawing in such way that \overleftrightarrow{EF} becomes \overrightarrow{FE} .

2) Use/know/apply appropriate formulas based on the context

- distance formula

- midpoint formula

- a) Find the length of segment AB using the diagram below. Round your answer to the nearest tenth. 1 unit = 1 inch



Length = _____

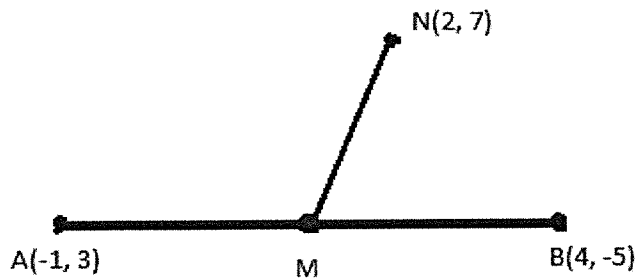
- b) If an objects travel from A(-5, -6) to B(3, 5) and then to C(8, -2), what is the total distance traveled?

D1= _____

D2= _____

D1+D2= _____

c)



In the figure above M is the midpoint of the segment AB. What is the length of the segment MN?

M (_____, _____)

MN= _____

- d) The amusement park that you are going to is mapped on a coordinate grid with entrance being at the origin (0, 0). Picture booth is located at the point (1, 5) and Food stand is located at (4, 9). If you walked from the entrance to the picture booth, then to the food stand what was your **total** distance walked if **1 unit = 1 yard**?

D1= _____

D2= _____

D1+D2= _____

Total Distance Walked = _____

- e) The segment FG has the endpoint F at (-3, -5). If its midpoint has the coordinates (-2, -8), what are the coordinates of the other endpoint, G?