

NAME \_\_\_\_\_

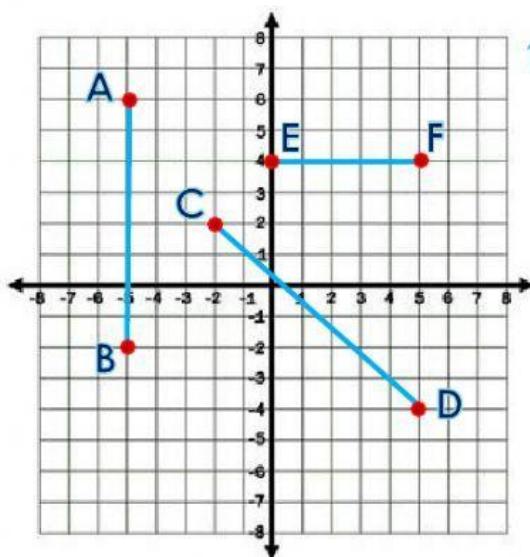
QUARTER \_\_\_\_\_

GRADE &amp; SECTION \_\_\_\_\_

DATE \_\_\_\_\_

## Activity: Midpoint

I. Determine the coordinates of the endpoints then find the midpoint.



1) A (  ,  ) and B (  ,  )  
Midpoint: (  ,  )

2) C (  ,  ) and D (  ,  )  
Midpoint: (  ,  )

3) E (  ,  ) and F (  ,  )  
Midpoint: (  ,  )

II. Identify the coordinates of the midpoint or the endpoint.

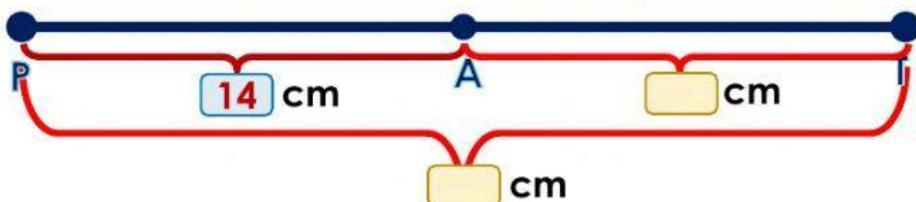
1) Find the coordinates of the midpoint D of  $\overline{AT}$  if A is at  $(-9, -2)$  and T is at  $(-3, -8)$ .  $D ( \text{ } , \text{ } )$

2) What is the coordinates of center O of the circle with diameter having endpoints as  $(31, 0)$  and  $(2, -39)$ ?  $O ( \text{ } , \text{ } )$

3) Point V  $(4, -9)$  is the midpoint of  $\overline{SD}$ . If S  $(-8, 6)$ , find the coordinates of D.  $V ( \text{ } , \text{ } )$

4) Given the midpoint E  $(-10, 6)$  of  $\overline{HK}$ , What is the coordinates of the endpoint H, if the other endpoint is H  $(9, -2)$ ?  $E ( \text{ } , \text{ } )$

III. Determine the measure if A is the midpoint of  $\overline{PT}$ .



How many attempts? \_\_\_\_.  
How well did you do?



Need help!



Just OK!



Splendid

I FEEL THAT...