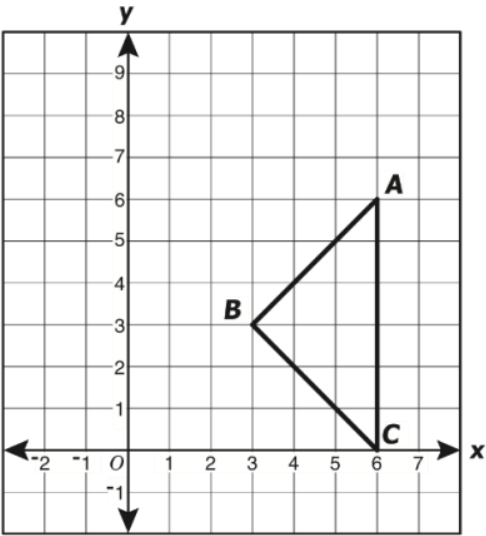
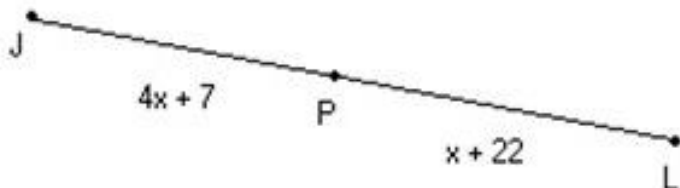


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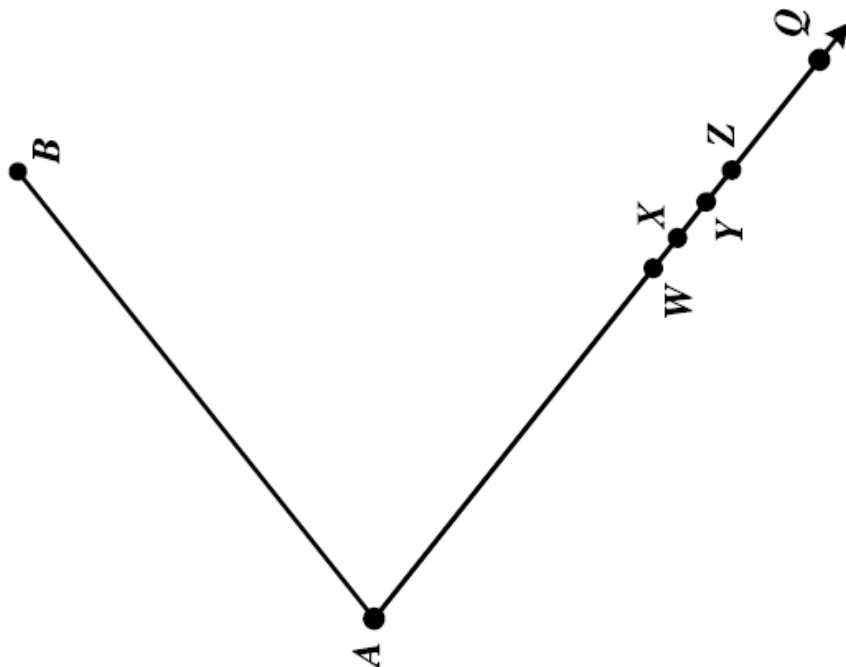
Module 01 Test

Questions	Please write answers to each question in this column unless otherwise indicated.
1. The slope of the line containing points $(0, 5)$ and $(3, 5)$ is:	
2. The endpoints of a line segment are $(2, -1)$ and $(4, -3)$. What are the coordinates of the midpoint?	
3. Triangle ABC is placed on a grid as shown. The apparent midpoint of $\overline{AB}$ is: 	
4. Given: $J(0, 0)$ and $L(8, 6)$? What is the length of $\overline{JL}$?	

5. Solve for x in the figure below if P is the midpoint of segment $\overline{JL}$.

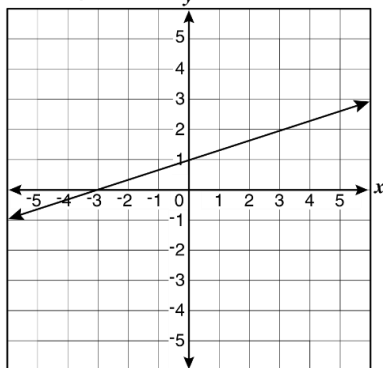


6. Which line segment is apparently congruent to $\overline{AB}$?



7. The midpoint of segment $\overline{AB}$ is $(3, 5)$. What are the coordinates of B if the coordinates of A are $(4, 0)$?

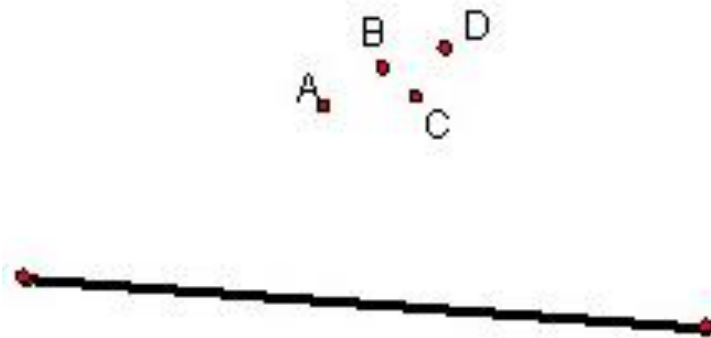
8. Calculate the slope of the line below.



9. Find the midpoint of a segment with endpoints at $(3, 1)$ and $(-3, 7)$.

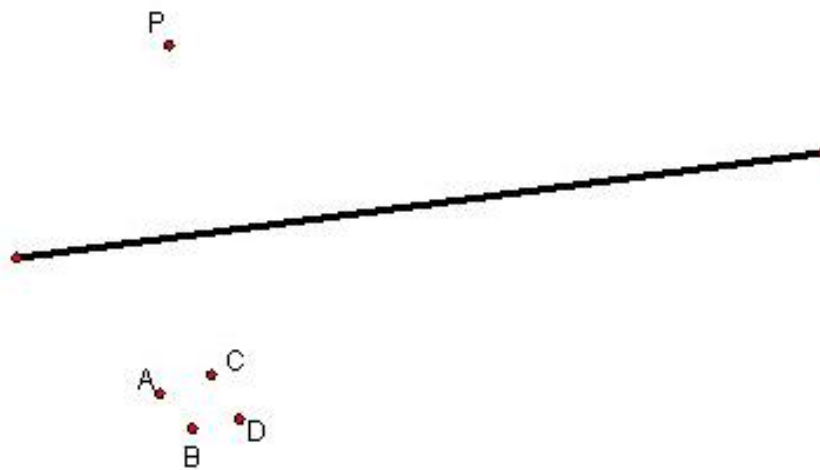
10. Find the distance between the points $(0, 4)$ and $(4, 7)$.

11. In the drawing below, which point lies on the perpendicular bisector of the segment?



12. Line m contains points $(4, 5)$ and $(-3, 2)$. What is the slope of a perpendicular line?

13. In the drawing below, which point lies on the perpendicular line to the given segment, passing through point P ?



14. The diameter of a circle has endpoints $(-3, 2)$ and $(3, -2)$. Which is closest to the length of the diameter of the circle?

15. Circle O is defined by the equation: $x^2 + (y - 2)^2 = 25$. Plot the center of the circle O and one point with integral coordinates that lies on circle O .

