

5. What does collinear mean? _____

6. What does coplanar mean? _____

7. What are skew lines? _____

8. C is the midpoint of \overline{AB} . A(-5, -3) and B(3, 3). Find the coordinates for C.

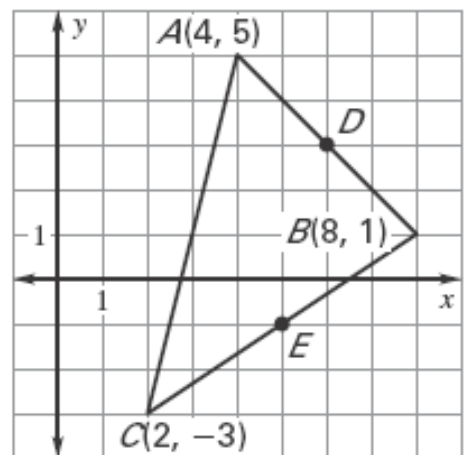
9. D is the midpoint of EF. E(-6, 7) and D(-4, 2). Find ED and the coordinates of F.

Refer to the graph for #10-13

10. Find the coordinates of D, the midpoint of \overline{AB}

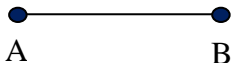
11. Write the equation of the perpendicular bisector of \overline{AB}

12. Find the length of \overline{CD}

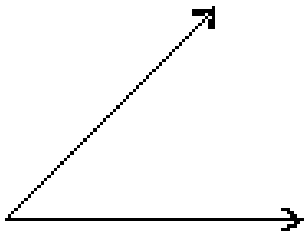


13. What is the midpoint of \overline{AC} ?

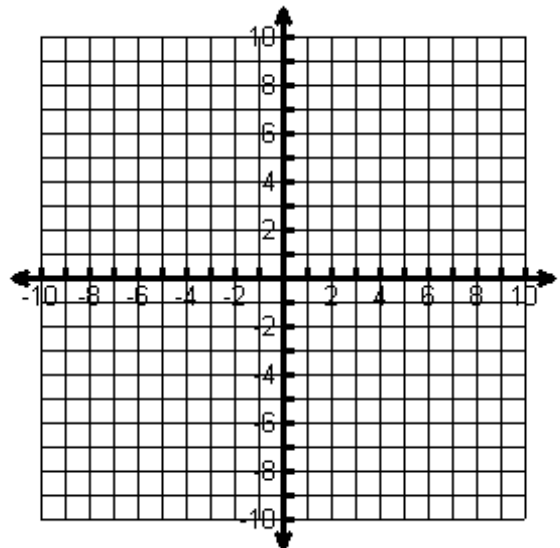
14. Duplicate and then bisect the line segment.



15. Duplicate and then bisect the angle.



16. Austin (10,-7) and Dallas (0,8) are plotted on a coordinate grid. Podunk is $\frac{3}{5}$ the distance from Dallas to Austin. What is the coordinate location of Podunk? (,)



17. Calculate the distance between the line given by the equation $y = \frac{4}{3}x + 2$ and the point $(-7, 1)$.

