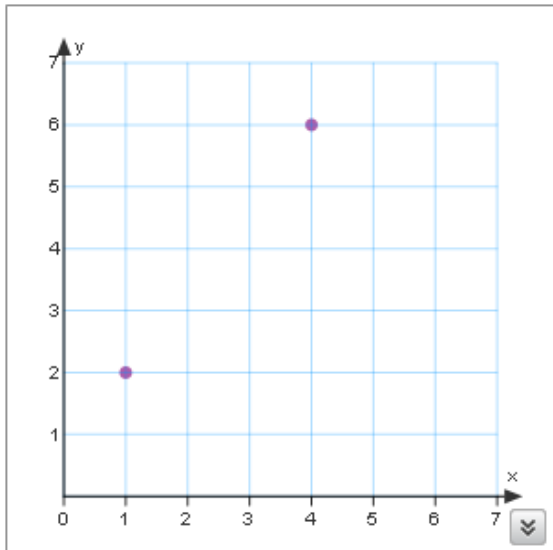


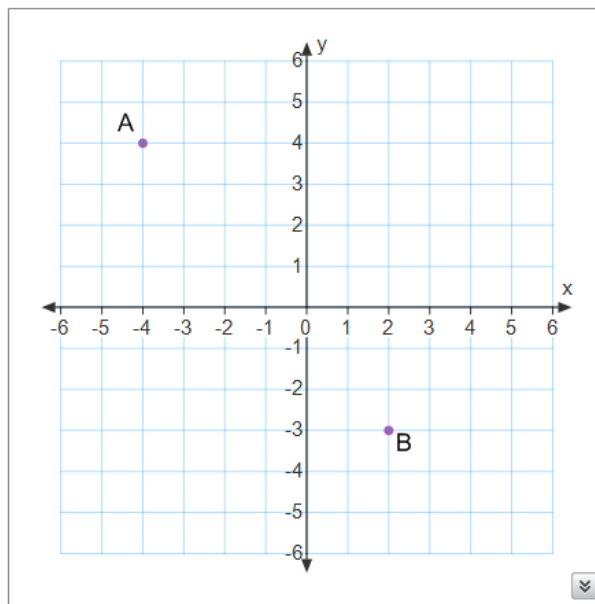
Right Triangles on a Coordinate Grid

1. Turn the given points on the coordinate grid into a right triangle

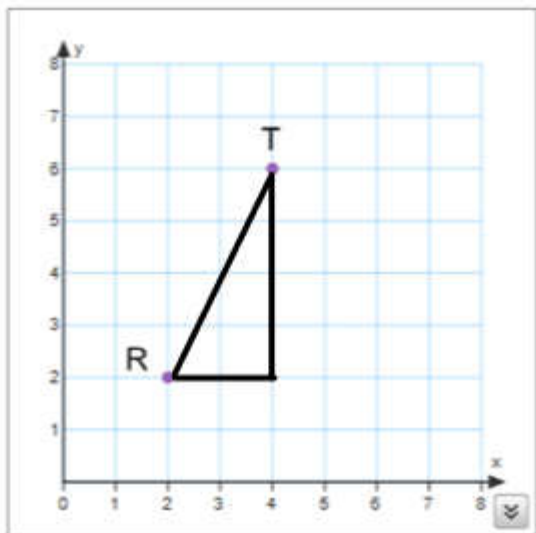


Turn each pair of points into a right triangle, AND then find the distance.

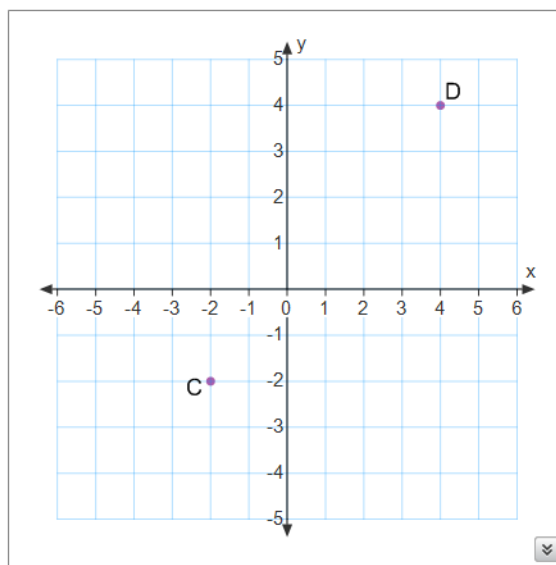
3. What is the distance between A and B?



2. What is the distance between R and T?

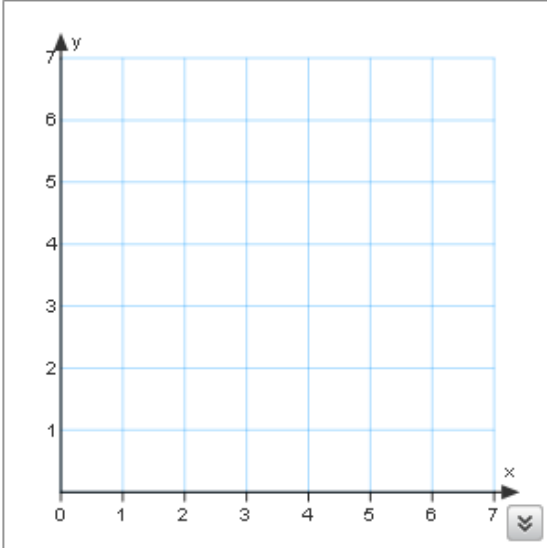


4. What is the distance between C and D?

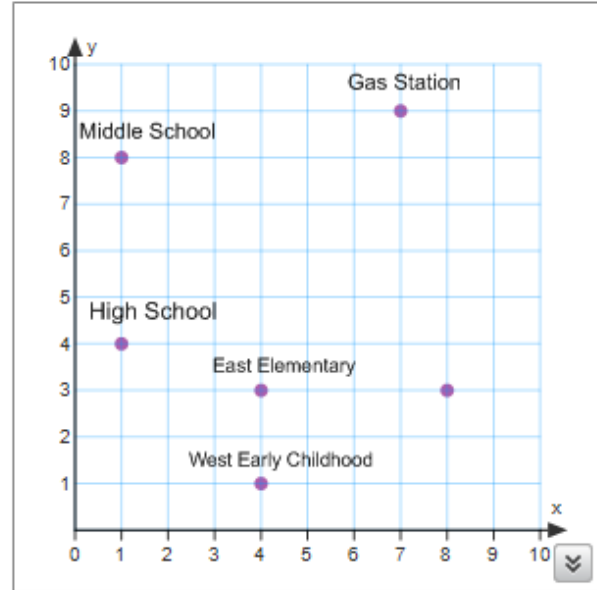


Right Triangles on a Coordinate Grid

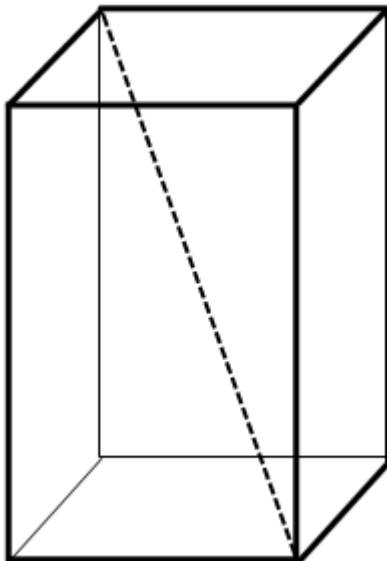
5. Find the length of a line segment with the endpoints (1,2) and (6,4).



6. On the map each unit represents 1 kilometer. If Jane jogs directly from the High School to West Early Childhood how far does she jog?



7. The width of a rectangular prism is 8, the height is 20, and the length is 10. Find the length of the diagonal of the entire prism. Round to the nearest tenth if necessary.



Step 1:

Step 2: