

Bellringer #7

Find the distance between the pair of points $A(1, 2)$, $B(5, 9)$

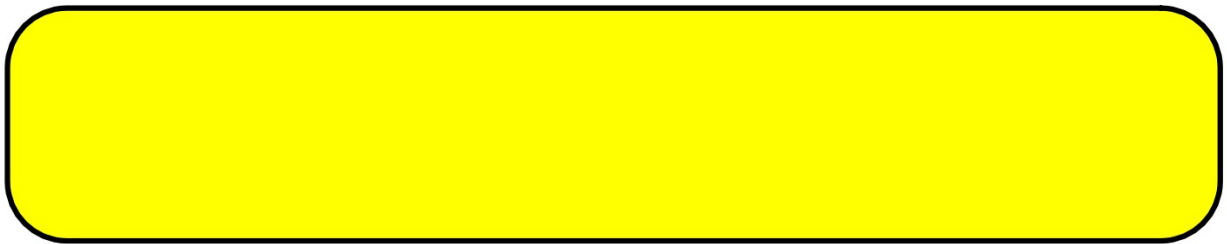
Find the coordinates of the midpoint of a segment with these endpoints $G(22, 4)$, $H(15, 7)$

Find the coordinates of the missing endpoint if B is the midpoint of AC .
 $A(-4, 2)$, $B(6, -1)$

Homework Questions?

What are the top skills that employers are looking for?

- **Take 2 minutes and list as many as you can think of.**

A large, empty yellow rounded rectangular box with a black border, intended for the user to write their list of skills.

The 10 Skills Employers Most Want In Graduates

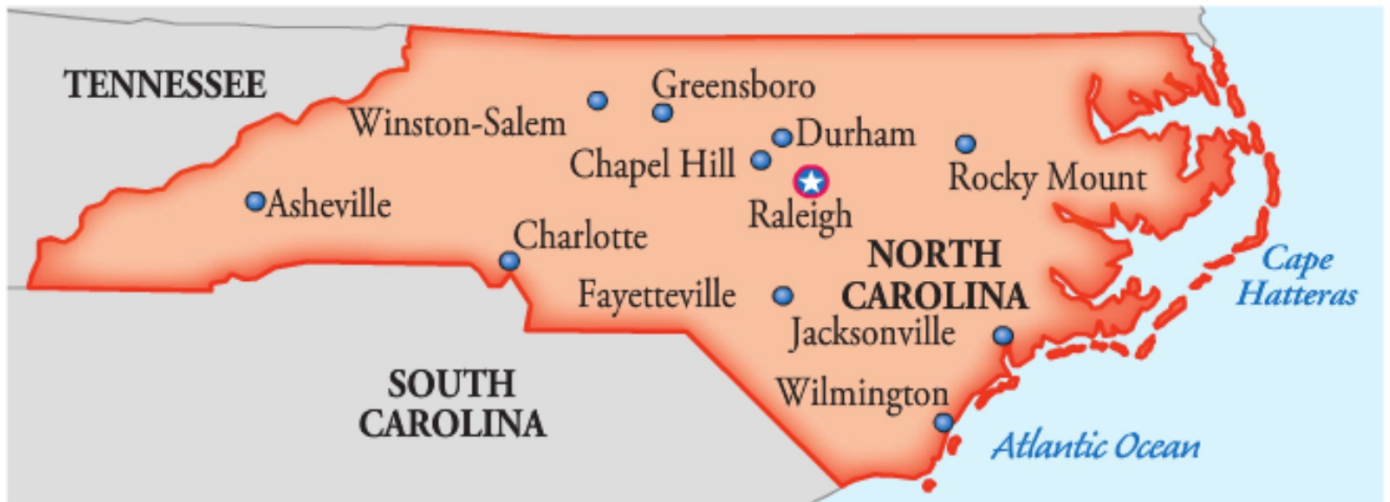
1. Ability to work in a team structure
2. **Ability to make decisions and solve problems**
3. Ability to communicate verbally with people inside and outside an organization
4. Ability to plan, organize and prioritize work
5. **Ability to obtain and process information**
6. **Ability to analyze quantitative data**
7. Technical knowledge related to the job
8. Proficiency with computer software programs
9. Ability to create and/or edit written reports
10. Ability to sell and influence others

Source: National Association of Colleges and Employers (NACE)

We Use Math

<https://www.youtube.com/watch?v=8QqkLrduFA0>

The principal's office is located 75 feet north and 35 feet west of this classroom. If we place the locations on a coordinate grid with this classroom at the origin. What is the distance between this classroom and the principal's office?



Wilmington, NC, is located at $(34.3^\circ, 77.9^\circ)$, which represents north latitude and west longitude. Winston-Salem is in the northern part of the state at $(36.1^\circ, 80.2^\circ)$.

Find the latitude and longitude of the midpoint of the segment between Wilmington and Winston-Salem.

Google Maps Link