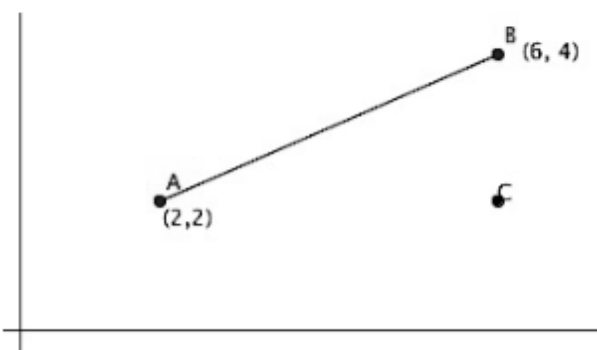
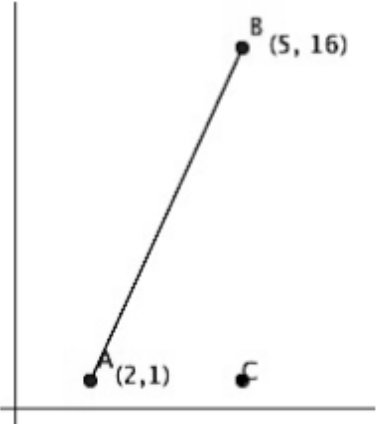
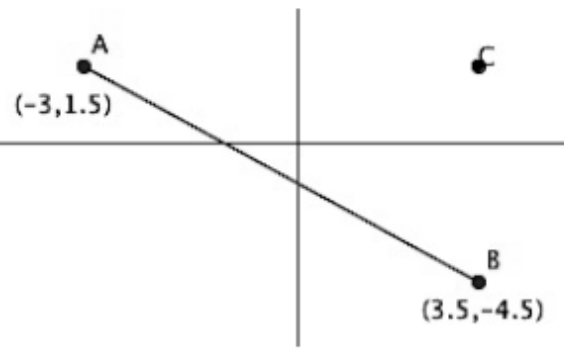
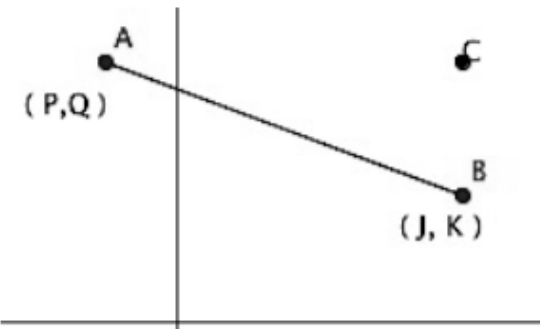


1) What is the distance formula?

For #2- 5: Use the distance formula to calculate the **EXACT** distance between points A and B in the graphs below.

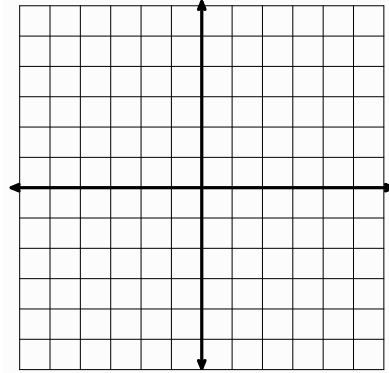
<p>2) Find AB.</p> 	<p>3) Find AB.</p> 
<p>4) Find AB.</p> 	<p>5) Find AB.</p> 

If $f(x) = g(x) + 4$, and $g(x) = 3x - 2$, then...

6. What is the explicit function for $f(x)$?

7. How would the functions $f(x)$ and $g(x)$ compare when graphed on the same coordinate plane?

8. Graph $f(x)$ and $g(x)$ and label them.



If $f(x) = g(x) - 3$, and $g(x) = 3 \cdot 2^x$, then...

9. What is the explicit function for $f(x)$?

10. How would the functions $f(x)$ and $g(x)$ compare when graphed on the same coordinate plane?

11. Graph $f(x)$ and $g(x)$ and label them.

