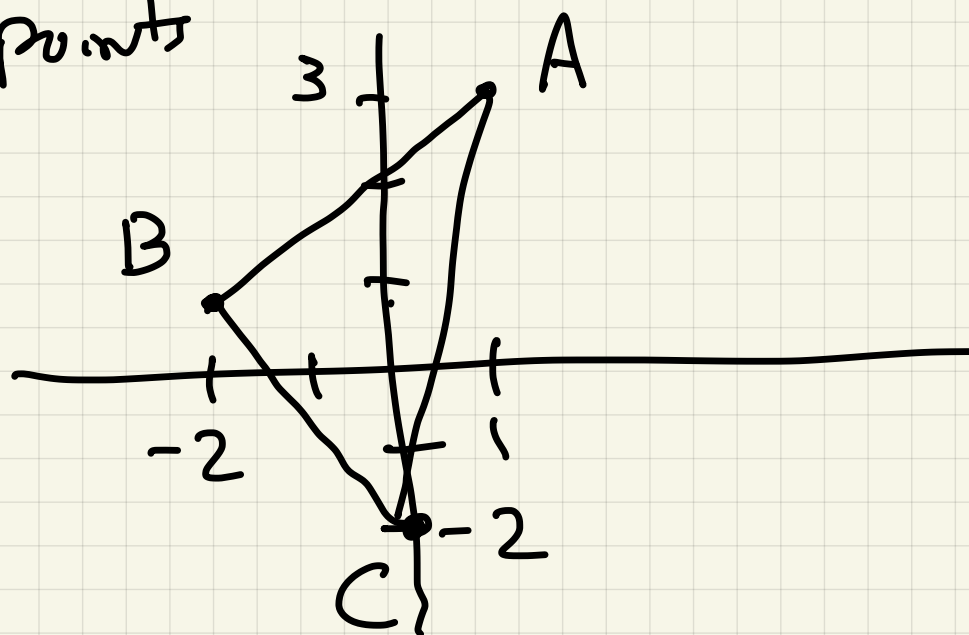


Quiz 5

1 Plot points



2 $\sqrt{1^2 + 5^2} = \sqrt{26}$

$13 + 13 = 26 \checkmark$

3 $\overline{AB} = \sqrt{3^2 + 2^2} = \sqrt{13}$

$\overline{BC} = \sqrt{2^2 + 3^2} = \sqrt{13}$

So
yes
right
angle at B

4 $M = \left(\frac{1 + (-2)}{2}, \frac{3 + (-1)}{2} \right) = \left(-\frac{1}{2}, 2 \right)$