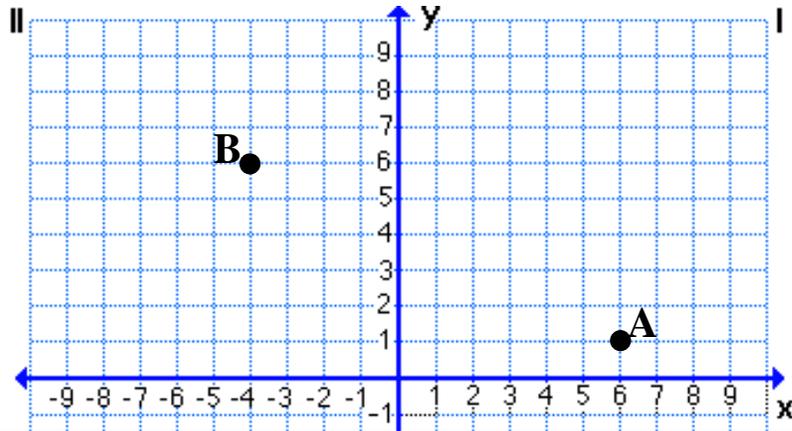


HSA Practice 2

Determine the distance between the two points, using both the Pythagorean Theorem and the distance formula.



Pythagorean Theorem	Distance Formula

Which method do you think is better to determine the distance between two points? Use mathematics to justify your answer.

Determine the slope between the two points.

Answers: The distance is $\sqrt{125} \approx 11.18$, student reasoning will vary, but the justification matching the reasoning is the key.

The slope is $-\frac{1}{2}$

”