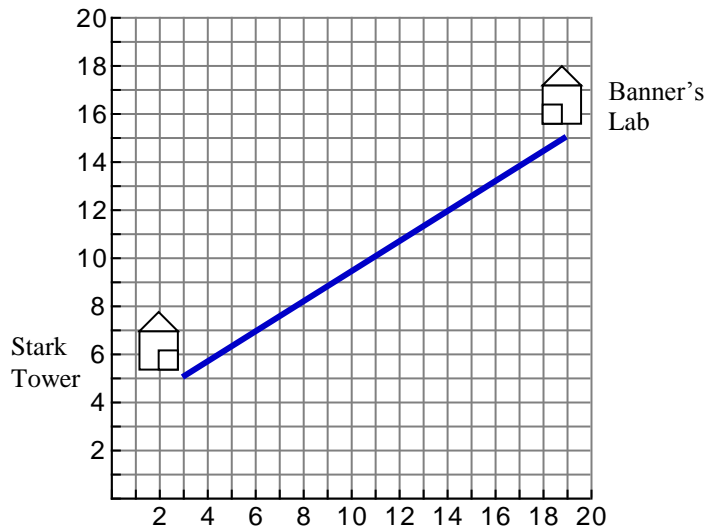


The Meeting in the Middle

A horrible thing has happened and The Avenger's have assembled. The location of this meeting is top secret! However, we know that the meeting will take place **EXACTLY** halfway between Stark Tower and Bruce Banner's lab. It is up to you to determine the location of this "secret meeting". The following coordinate grid represents Stark Tower and Banner's lab.



Where will the secret meeting take place? Give the coordinate point, and describe the strategy you used to find it.

MIDPOINT FORMULA:

1. Find the midpoint of $(-2, 6)$ and $(4, 5)$

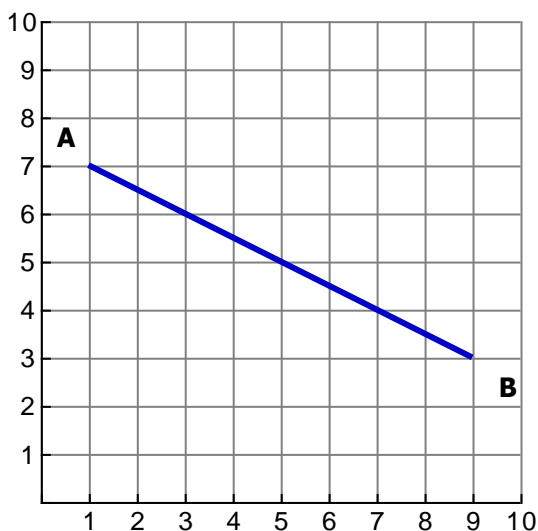
2. Find the midpoints of the following sets of coordinate points:

a) $(3, 8)$ and $(1, 10)$

b) $(-5, -1)$ and $(-10, 3)$

c) $(0, 0)$ and $(-7, 8)$

3. Find the midpoint of segment AB. Label it "C" on the graph.



Midpoint Evidence:

Pepper Potts says that the midpoint "C" is exactly halfway between Point A and Point B. Can you verify that this is true?