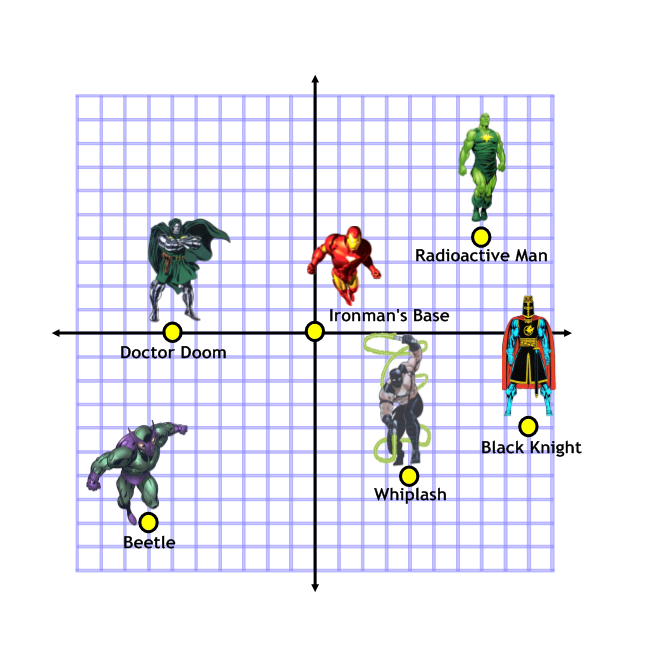
**Ironman Translations**

Ironman has to fly from his base to capture each of these villains. Once a villain is captured he has to fly back to his base to secure them in a holding cell.



Write the vectors that Ironman has to fly to capture each villain:

Radioactive Man:

Black Knight:

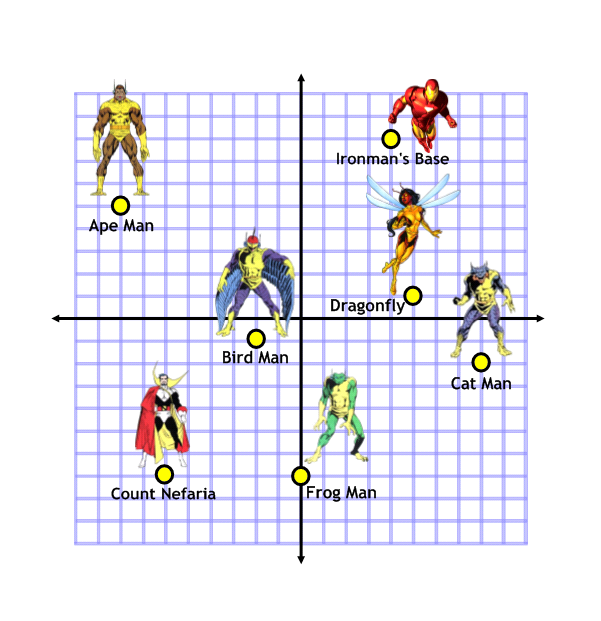
Beetle:

Whiplash:

Doctor Doom:

**The Ani-Men Attack!**

The Ani-Men, led by Count Nefaria, have let off an explosive device that has knocked Ironman’s co-ordinate grid out of sync. The system thinks that Ironman is now based at (4,8).



Write the vectors that Ironman has to fly to capture each villain:

Ape Man:

Birdman:

Frog Man:

Dragonfly:

Cat Man:

Count Nefaria:

*Extension: Can you calculate the exact distance to each villain so that Ironman can capture them in order from closest first?*