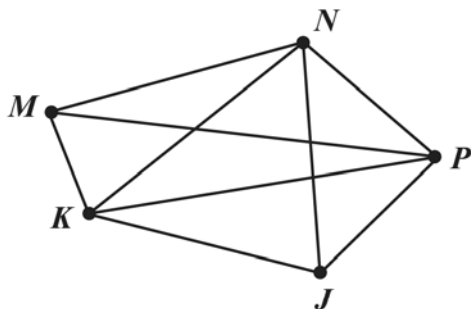


- 1 The vertex-edge graph below represents all the paths in a park.



Mark your answer here: 1. (A)(B)(C)(D)

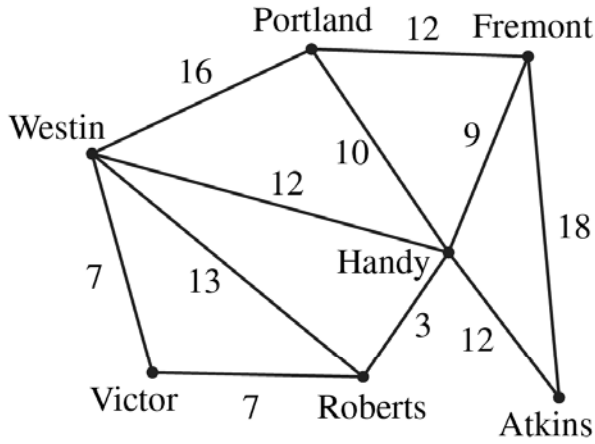
Mike is at point  $J$  and wants to walk along each path **exactly** one time. At which point will Mike finish his walk?

- A. point  $K$
- B. point  $M$
- C. point  $N$
- D. point  $P$



- 2 The vertex-edge graph below shows the highway distances, in miles, between several different cities.

Mark your answer here: 2. (A)(B)(C)(D)



If Susan is traveling by car from Westin to Fremont, which of the following routes would be the shortest?

- A. Westin to Roberts to Handy to Fremont
- B. Westin to Portland to Fremont
- C. Westin to Victor to Roberts to Handy to Fremont
- D. Westin to Handy to Fremont

