Name:	ID:	

In the context of breadth-first search (BFS) invoked as BFS (G,s):

1. What is $\delta(s, v)$? Give it's name and definition.

The **shortest-path distance** is the minimum length (number of edges) of any path from s to v.

2. How is it different from d[v]?

d[v] is a value computed by BFS. It is the "time" v is discovered and turned gray. (We were able to prove this value is equal to $\delta(s, v)$, but it is defined differently)