h(v) = 14	h(v) = 13	h(v) = 12	h(v) = 11	h(v) = 10	h(v) = 9	h(v) = 8	h(v) = 7		
h(v) = 13	h(v) = 12	h(v) = 11	h(v) = 10	h(v) = 9	h(v) = 8	h(v) = 7	h(v) = 6		Unvisited
h(v) = 12	h(v) = 11	h(v) = 10	h(v) = 9 $g(v) = 1$ $f(v) = 10$	h(v) = 8 $g(v) = 2$ $f(v) = 10$	h(v) = 7 $g(v) = 3$ $f(v) = 10$	h(v) = 6 $g(v) = 4$ $f(v) = 10$	h(v) = 5 $g(v) = 5$ $f(v) = 10$		Vertex     Frontier     Vertex     Visited
h(v) = 11	h(v) = 10	h(v) = 9 $g(v) = 1$ $f(v) = 10$	source $h(v) = 8$ $g(v) = 0$ $h(v) = 8$	h(v) = 7 $g(v) = 1$ $f(v) = 8$	h(v) = 6 $g(v) = 2$ $f(v) = 8$	h(v) = 5 $g(v) = 3$ $f(v) = 8$	h(v) = 4 $g(v) = 4$ $f(v) = 8$		
h(v) = 10	h(v) = 9	h(v) = 8 $g(v) = 2$ $f(v) = 10$	h(v) = 7 $g(v) = 1$ $f(v) = 8$	g(v) = 6 $g(v) = 2$ $f(v) = 3$	h(v) = 5 $g(v) = 3$ $f(v) = 8$	h(v) = 4 $g(v) = 4$ $f(v) = 8$	h(v) = 3 $g(v) = 5$ $f(v) = 8$		Visited Vertex
h(v) = 9	h(v) = 8	h(v) = 7 $g(v) = 3$ $f(v) = 10$	h(v) = 6 $g(v) = 2$ $f(v) = 8$	h(v) = 5 $g(v) = 3$ $f(v) = 8$	f(v) = 4 $g(v) = 4$ $f(v) = 4$	h(v) = 3 $g(v) = 5$ $f(v) = 8$	h(v) = 2 $g(v) = 6$ $f(v) = 8$		Source
h(v) = 8	h(v) = 7	h(v) = 6 $g(v) = 4$ $f(v) = 10$	h(v) = 5 $g(v) = 3$ $f(v) = 8$	h(v) = 4 $g(v) = 4$ $f(v) = 8$	h(v) = 3 $g(v) = 5$ $f(v) = 8$	f(v) = 2 $g(v) = 6$ $f(v) = 6$	h(v) = 1 $g(v) = 7$ $f(v) = 8$		Destination
h(v) = 7	h(v) = 6	h(v) = 5 $g(v) = 5$ $f(v) = 10$	h(v) = 4 $g(v) = 4$ $f(v) = 8$	h(v) = 3 $g(v) = 5$ $f(v) = 8$	h(v) = 2 $g(v) = 6$ $f(v) = 8$	h(v) = 1 $g(v) = 7$ $f(v) = 8$	destination		Search Direction