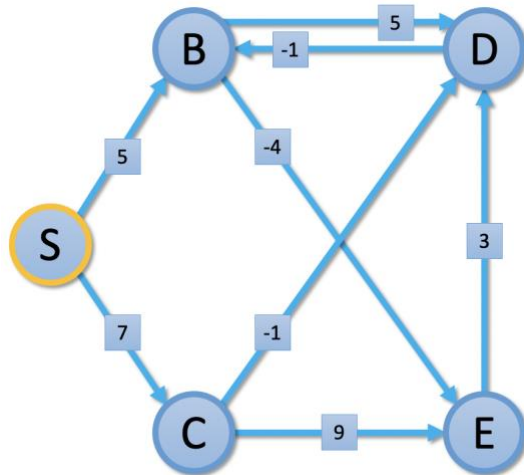Name: _____   Name: _____

Name: _____   Name: _____

Bellman-Ford Algorithm

Step through the Bellman-Ford Algorithm for the following graph.


```
FOR num_edges IN [1 ..< n]
    FOR v IN G.vertices
        min_len = INFINITY
        FOR (vFrom, v) IN G.edges
            len = lens[num_edges - 1, vFrom] + c
            IF len < min_len
                min_len = len
        lens[num_edges, v] = min(
            lens[num_edges - 1, v], min_len)
```

Edges Used		S	B	C	D	E
	5					
	4					
	3					
	2					
	1					
	0	0	∞	∞	∞	∞
		S	B	C	D	E
				Vertex		