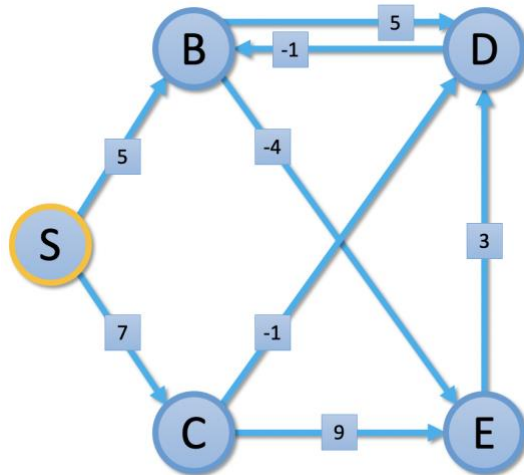


Name: _____

Name: _____

Algorithms, 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	4					
	3					
	2					
	1					
	0	0	∞	∞	∞	∞
		S	B	C	D	E
		Vertex				