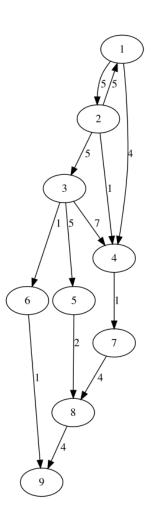
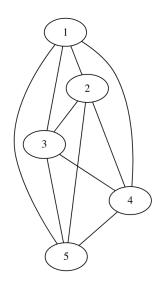
(1)

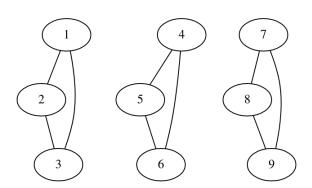


- (a) Yes
- (b) Yes
- (c) 4
- (d) 3
- (e) 7
- (f) cyclic
- (g) 0
- (h) weakly
- (i) no

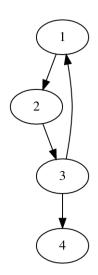
(2)



(3)



(4)



(5)

```
2
1*
                                   [1]
[1, 2]
1
       [7, 2, 6]
2
1*
       [5, 1^*, 4]
                                   [1, 2, 1^*]

[1, 2, 1^*]
                       2 (up)
2
4
       [5, 1^*, 4]
                       4
       []
[5, 1*, 4]
                       2 (up)
                                   [1, 2, 1*, 4]
[1, 2, 1*, 4]
2
5
0
                       5
                                    [1, 2, 1^*, 4, 5]
       [0]
                       0
       [1, 2, 1^*, 4, 5, 0]
                       5 (up)
       [0]
                                   [1, 2, 1^*, 4, 5, 0]
                       2 (up)
5
2
1
       [5, 1^*, 4]
                      1 (up)
                                   [1, 2, 1^*, 4, 5, 0]
       [7, 2, 6]
                                   [1, 2, 1^*, 4, 5, 0]
                       6
                                   [1, 2, 1*, 4, 5, 0, 6]
[1, 2, 1*, 4, 5, 0, 6]
       []
[7, 2, 6]
6
                       1 (up)
1
                       7
       [5]
7
                       1 (up)
                                   [1, 2, 1^*, 4, 5, 0, 6, 7]
```