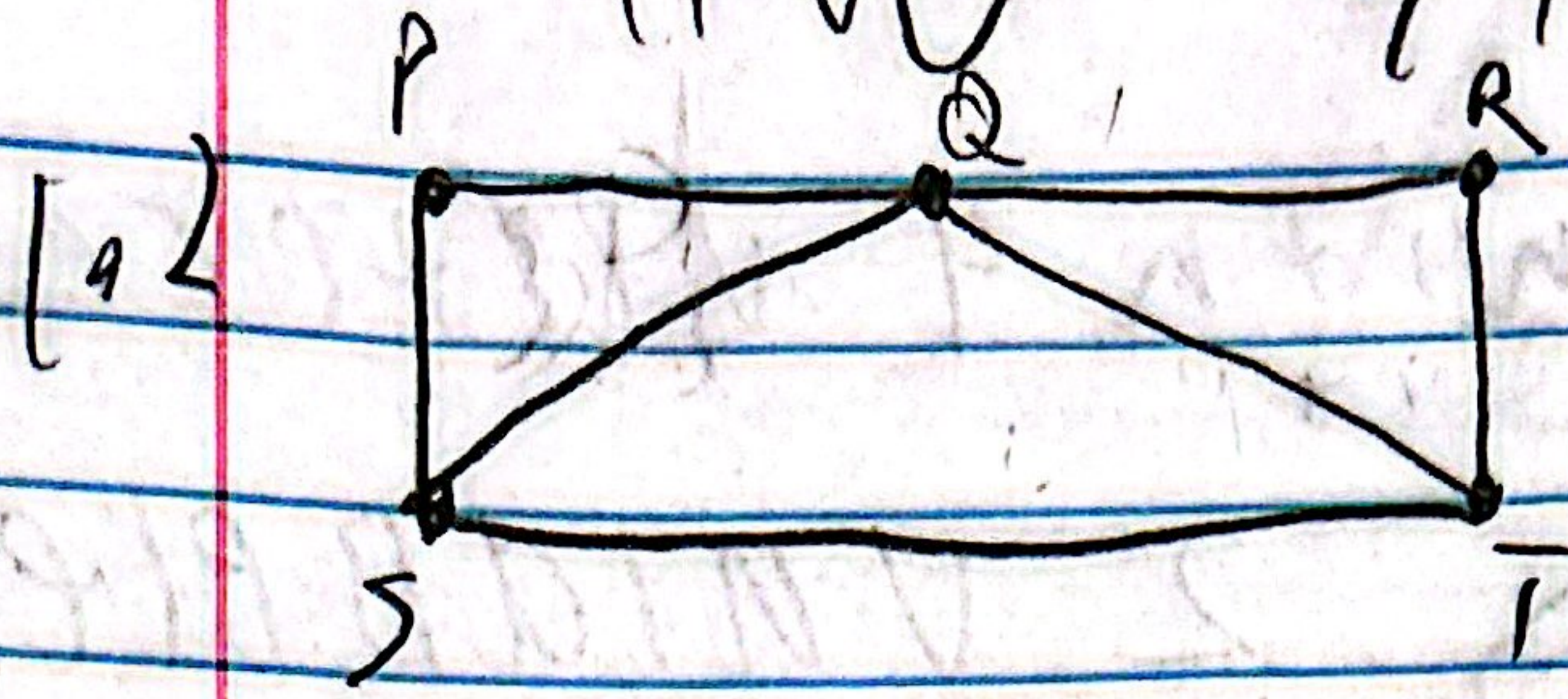


1.2, 1.4, 1.6, 1.7

HW 9/13/23



5 vertices
7 edges

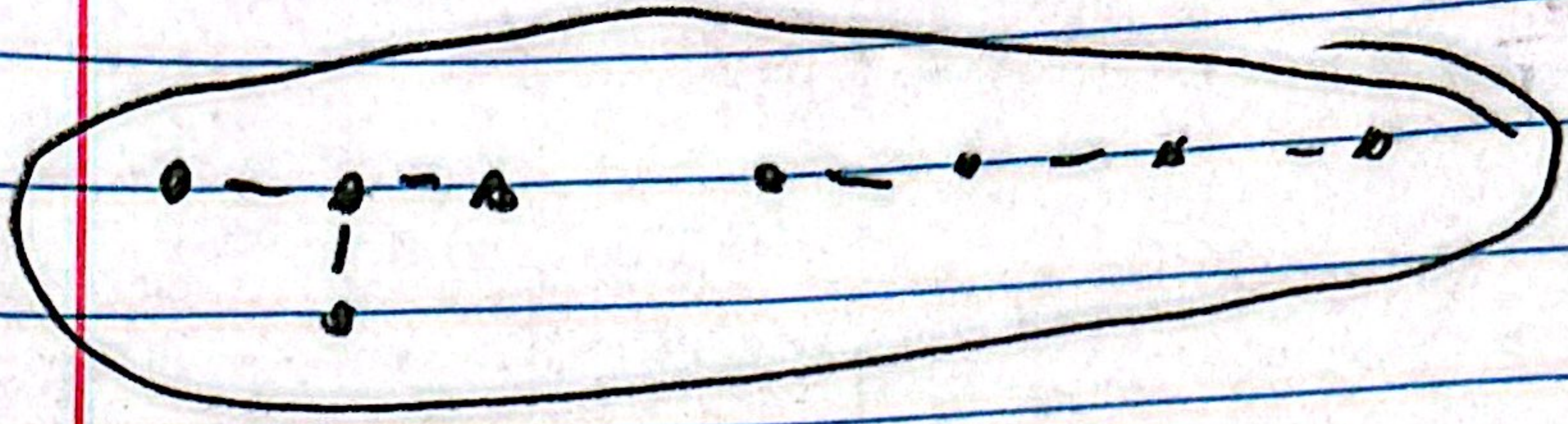
vertex	degree
P	2
Q	4
R	2
S	3
T	3

labeled trees with 4 vertices

- 1-2-3-4
- 1-2-4-3
- 1-3-2-4
- 1-3-4-2
- 1-4-2-3
- 1-4-3-2
- 2-1-3-4
- 2-1-4-3
- 2-3-1-4
- 2-4-1-3
- 3-1-2-4
- 3-2-1-4

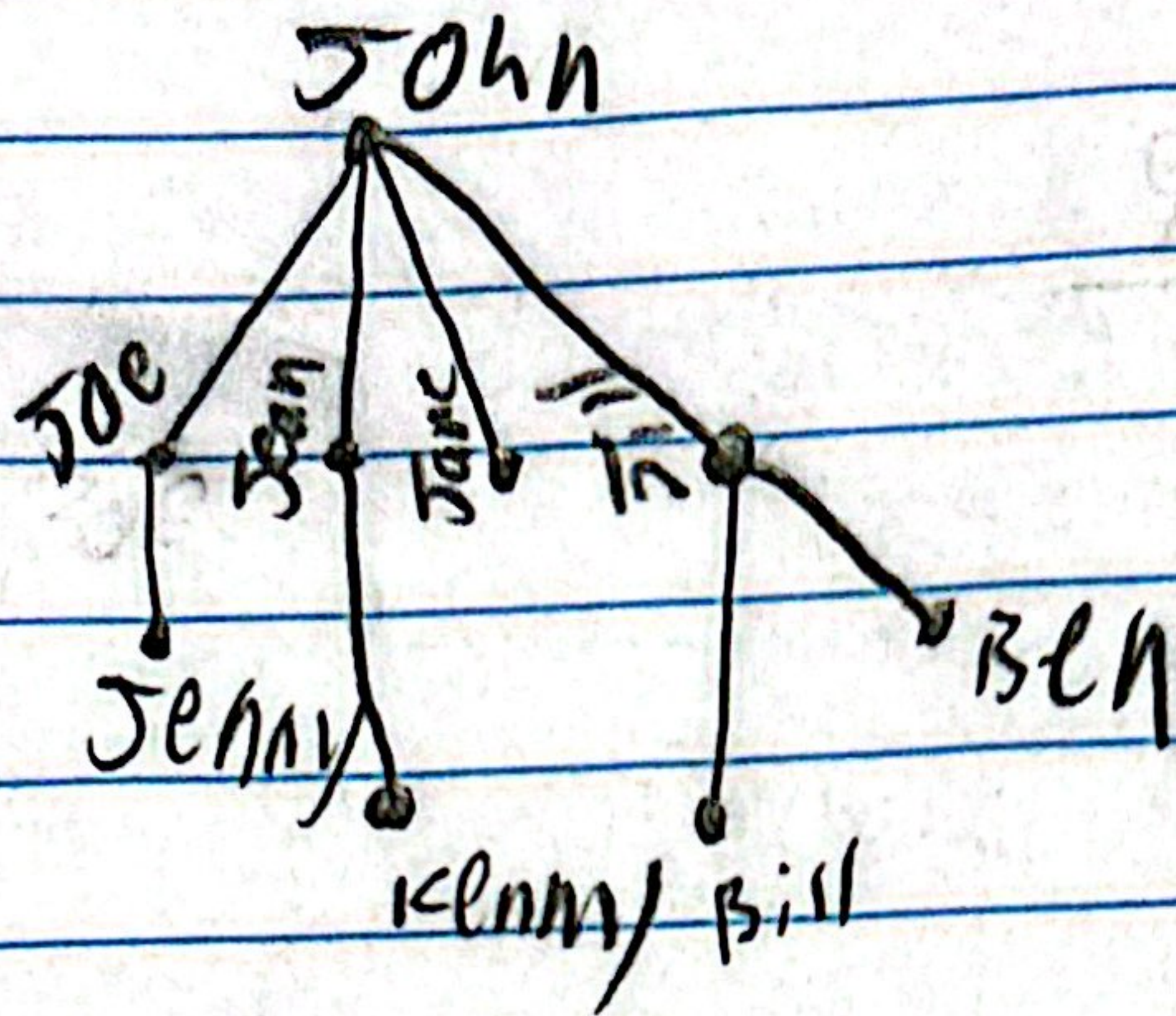
labeled graphs

UNlabeled trees with 4 vertices

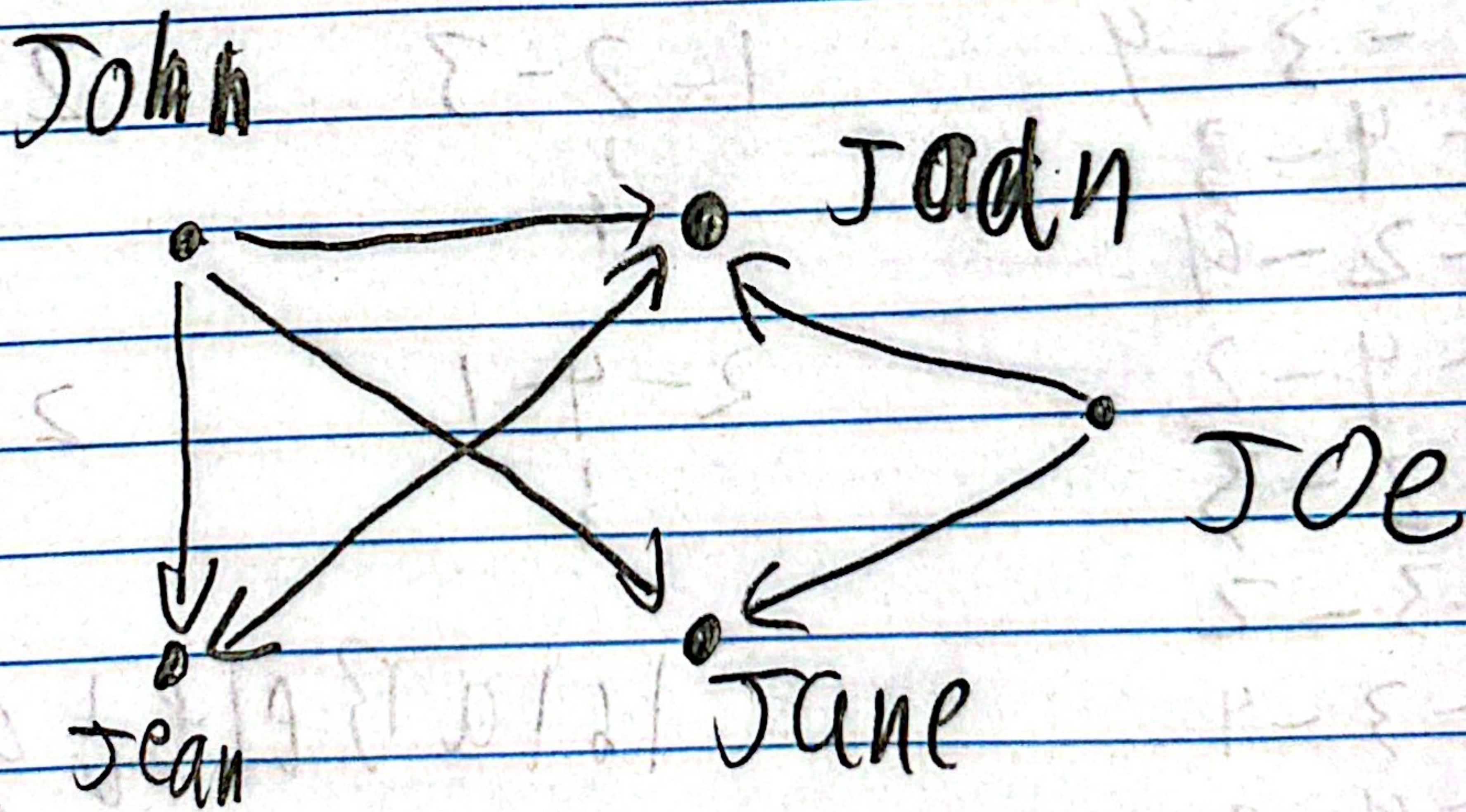


2 UNlabeled graphs

1.4



1.6



1.7

