Quiz 3

172 23 24

Z: C 3: 0

4: 6

2) 4: a 2:0

1: 6

: <u>a</u> > b > g

2: C>a>d>Ø
3: C Ø

→ Y: a>b>0

1: 11/29

2: 2/24

3:0

4: 11/24

1/2

Networles

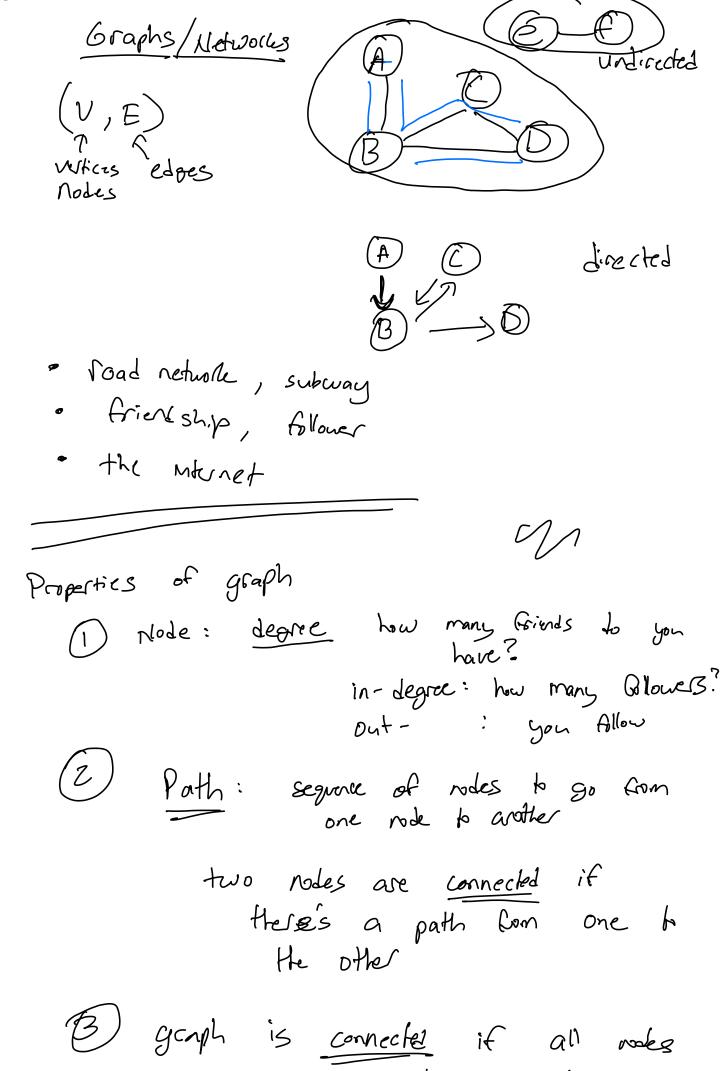
Shorturl. at/hyAH8

You have: 281

Your Friend: 290

Friend Ship peradox: why your forests have more friends them you to.

Into to networks



are unrected to each other. # connected components is how FB: 90+%, 15%. 799.99 1/2 giant component (5) distance b/w 2 modes: leight of the shortest path between them. How for are you from the forthest person

) In the component? -> 41 or 5 or 6 1960s: [296] (target node Name, Boston, Stock booker Boston Stock booker

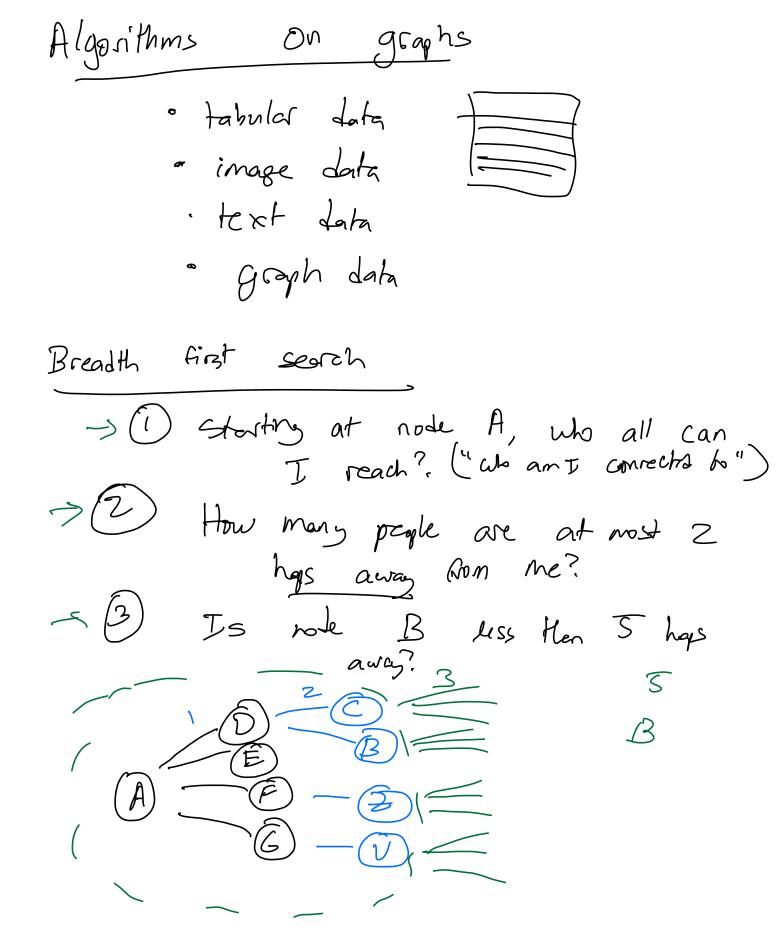
200, 296, 250 <u>50</u> T64 6 0 2 do you know the graph? Phd - at NS weeks 3x /week 2/21 Friend Shp paradox.

5

"hub + spoke graph"

Star graph"

only or lpron: 15[1+1+1+1] Classoom Size paradox -> average dass size => · most of your classes have 65-" inspection peradox" spl. 2 dasses 100 2 $\frac{102}{2} = 51$ > website: you, $\frac{100}{102} \cdot 100 + \frac{2}{102} \cdot 2$



Facchook - "muhal Griends" "Social grah" Recommendations usis graphs. Triadic closure) - How do you recommed a Griend bo Someone? - " who to follow" - "People you may know" ABCDEFG... · Social netrous have way note transce than they should. 10.109 Product recommedation

People movines

