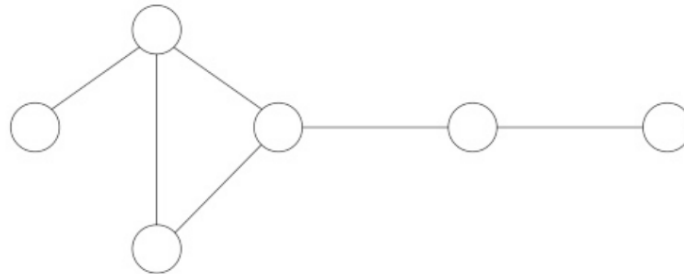


We can represent a group of friends by drawing a graph. Each node represents a person. An edge joins two nodes if and only if those two people are friends.

Here is a graph showing a group of friends.

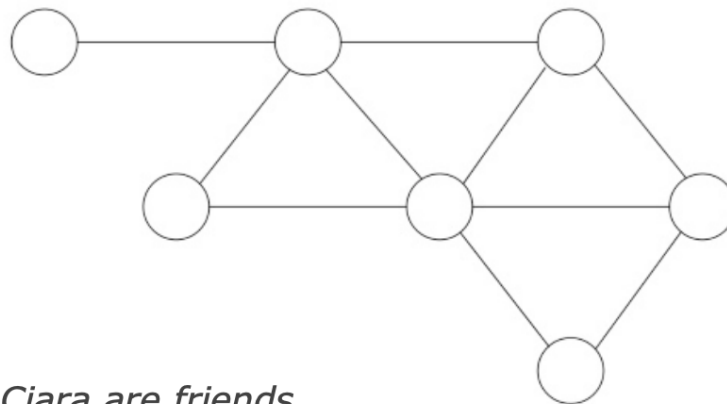
Can you work out who's who using the clues below?



1. *Alan has 3 friends, Barney, Charlie, and Daniel.*
2. *Barney and Ed are both friends with Charlie.*
3. *Ed is Frank's only friend.*

Here is a second network of friends.

Again, use the clues below to figure out who's who.



1. *Bella and Ciara are friends*
2. *Emily and Ciara are not friends*
3. *Bella is Fiona's only friend*
4. *Anna has more friends than anyone else*
5. *Daphne has three friends*
6. *Gill and Daphne are not friends*
7. *Emily has two friends*