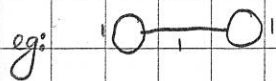


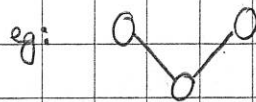
1. Each problem has a unique solution.

2. On the second one I didn't need the first clue.

3. The number of connection numbers times two equals the answer.



$$1 \text{ line} \times 2 = \textcircled{2}$$
$$1 \text{ friend} + 1 \text{ friend} = \textcircled{2}$$



$$2 \times 2 = \textcircled{4}$$

$$1 \text{ friend} + 1 \text{ friend} + 2 \text{ friends} = \textcircled{4}$$

4. It is the connection between two friends and uses one or more lines, so one line $\times 2 =$ the number of friends. The ratio of both numbers = 2 : 1.

5. I am going to use these people:

Lizzie	L
Nachammai	N
Katherine	K
Rachel	R
Aliza	A

Clues:

1. Lizzie, Katherine, Nachammai have the same number of friends each.
2. Aliza's only friend is Nachammai.
3. Rachel and Nachammai are not friends.
4. Lizzie and Rachel are friends.

Explanation:

You had to do Anna first as she had the most friends. Fiona has only one friend and she can only go in one place. If Daphne has three friends she can only go in circle five and six. If Emily has two friends, she could go in seven and two. Bella has to go next to Fiona. Bella and Ciara are friends. Ciara could go in five and two but Gill is not friends with Daphne. This means that Gill goes in two. This means Daphne

goes in six. This means Emily can only go in seven.

