**香港家庭計劃指導會**
The Family Planning Association of Hong Kong

Origin of Birth – Counting Babies

Sexuality education can be very mathematical! The following "if" questions are for your calculation, you may find it impossible in reality, but this is to test how much you have learned about the Origin of Birth!

1. If three sperm meet two ova, how many babies would possibly be formed?

    _____

2. If two sperm with Y chromosomes and 2 sperm with X chromosomes meet four ova, how many babies would possibly be formed? And what were their sexes? _____

3. If three sperm with X chromosomes meet four ova, one of the fertilized eggs split in half, then how many babies would possibly be formed? And what were their sexes? _____

4. If one sperm meets three ova, many babies would possibly be formed?

    _____

Think before you read the answers !
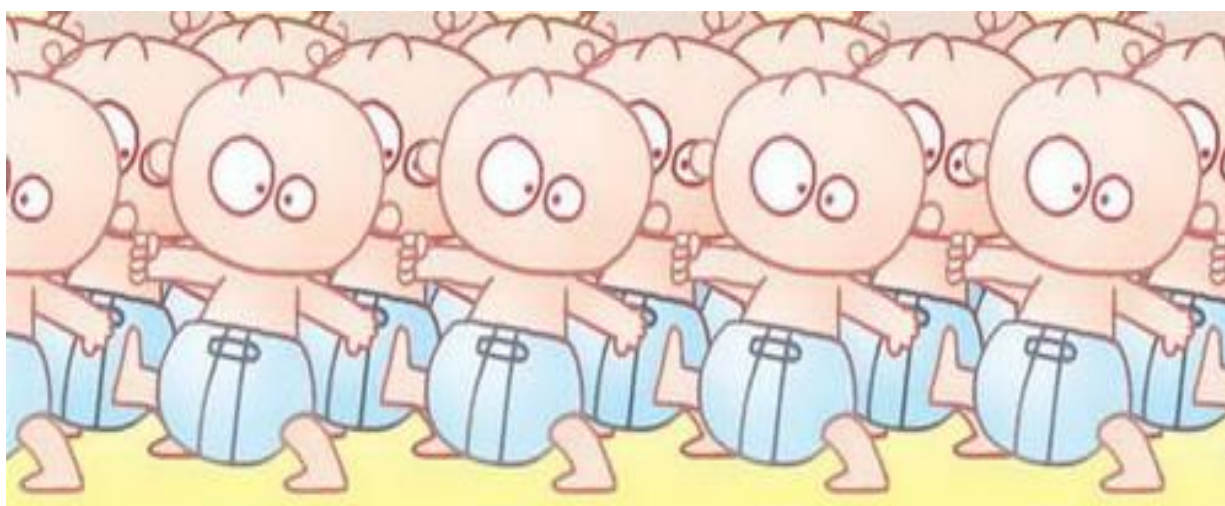
- Fertilization only occurs when one sperm meets one ovum.

- If a sperm with an X chromosome joins the ovum, the baby will be a girl;

- If a sperm with a Y chromosome joins the ovum, the baby will be a boy.

- When a fertilized egg splits in half at a very early stage and each develops into a baby, this is often referred to "identical twins". The twins have identical genes, are the same sex！
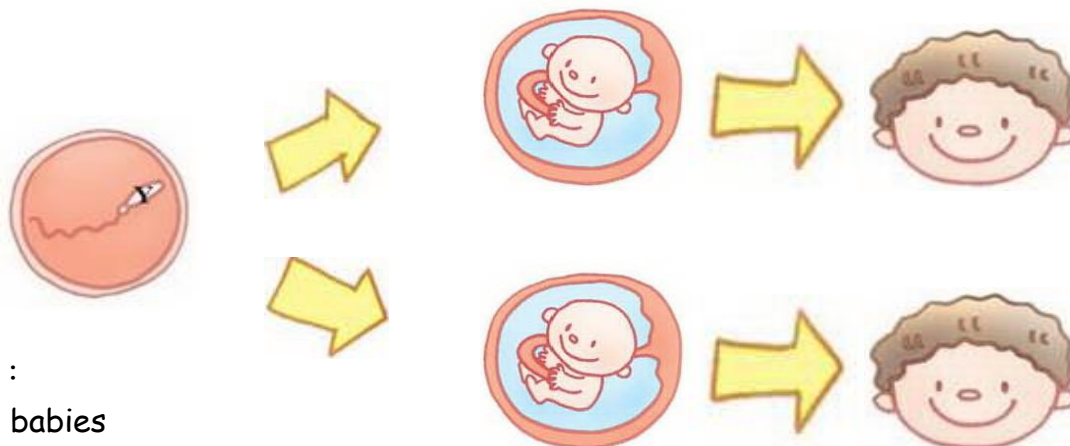
答案：
1. 2 babies
2. 2 baby boys，2 baby girls
3. 4 baby girls (The joining of three sperm with X chromosome and three ova would form three baby girls. But since one of them is split in half and form two baby girls, there would be four baby girls in total.)

4. 1 baby