A Match Made in DNA Video Questionnaire  
Answer the following questions as you watch the Blood Typing video from the K20 Center.

# Two different alleles that are expressed at the same time are called:

1. Incomplete Dominance
2. Dihybrid
3. Sex-linked
4. Codominance

# How many pairs of chromosomes do humans have?

1. 46
2. 23
3. 12
4. 35

# Fill in the following table with the correct genotypes for each phenotype.

|  |  |
| --- | --- |
| **Phenotype** | **Possible Genotypes** |
| **A** |  |
| **B** |  |
| **AB** |  |
| **O** |  |

# If you are type AB, can you give to someone who is type B? Explain your reasoning.

# True or false: Punnett squares allow us to decide what our children look like. Explain your reasoning.

# If Zarria is heterozygous for type A, IAi, give at least two possible genotypes her parents could be. Show your work.