Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Blood Typing Problems

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| **Blood Type** | **Genotype** |
| B | IBIB or IBi |
| A | IAIA or IAi |
| AB | IAIB |
| O | ii |

1. What are the two genotypes possible for a person who has type A blood? \_\_\_\_\_\_\_\_\_\_\_
2. What genotype does a person with AB blood have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What genotype does a person with O blood have? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. A man with type AB blood is married to a woman also with type AB blood. What percentage of their children will have?

A blood?\_\_\_\_\_\_\_\_\_\_\_ B blood? \_\_\_\_\_\_\_\_\_\_\_ O blood? \_\_\_\_\_\_\_\_\_\_\_ AB blood? \_\_\_\_\_\_\_\_\_

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1. A man has type B blood (homozygous) is married to a woman with type O blood. What blood type will all their children have? \_\_\_\_\_\_\_\_\_\_\_What is the genotype of the children? \_\_\_\_\_\_\_\_\_\_

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1. A woman with type A blood (heterozygous) is married to a type B (heterozygous) person. What proportion of their children will have…..

A blood?\_\_\_\_\_\_\_\_\_\_\_ B blood? \_\_\_\_\_\_\_\_\_\_\_ O blood? \_\_\_\_\_\_\_\_\_\_\_ AB blood? \_\_\_\_\_\_\_\_\_

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