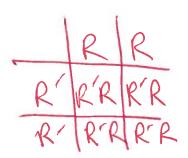
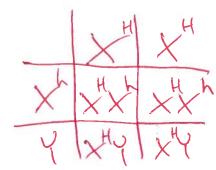
Genetics Practice Problems

Show your work

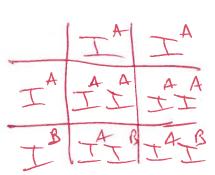
1. When crossing a red and white flower, what is the chance of producing a pink flower?



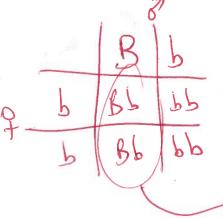
- a. 0%
- b. 25%
- c. 50%
- d. 75%
- e. 100%
- 2. When crossing a homozygous normal female and a hemophilic male, what is the chance of producing a normal female?



- a. 0%
- b. 25%
- c. 50%
 - d. 75%
- e. 100%
- 3. When crossing a woman with homozygous Type A Blood with a man with Type AB Blood, what is the chance of producing a child with Type B Blood?



- a. 0%
 - b. 25%
 - c. 50%
 - d. 75%
 - e. 100%
- 4. When crossing a heterozygous bald male with a bald female, what is the chance of producing a female with hair?



- a. 0%
- b. 25%
 - c. 50%
 - d. 75%
- e. 100%

AaBbCcDd will have a child with the skin color genes aaBBCcdd?

a. 0%

b. 1/4

c. 1/8

d. 1/32

e. 1/64

5. What is the chance that a person with the skin color genes aaBbCCDd and a person with genes

6. When crossing a person with brachydactyly with a normal person, what is the chance that the child spontaneously abort due to a lethal gene combination?

	1			a. 0%
	B	b		b. 33%
-	QI			c. 50%
d	95	<u></u>	(1)0 BB	d. 66%
<u></u>	Bb)	pp		e. 100%