Name Rey

GENETICS: X LINKED GENES

| ****In fruit flies, eye color is a sex linked to 1. What are the sexes and eye colors of flies with | th the following genotypes. |
|--|--|
| 1. What are the sexes and eye colors of man | ed X'X' female-white |
| XRX' female - red XRY Male - r XRXR female - red X'Y Male - u | ed XX Harac |
| XRXR Female-red X'Y Male-u | <u>Shile</u> |
| | |
| 2. What are the genotypes of these flies: | a woman while is a comor |
| white eyed, male red e | eyed female (heterozygous) XX |
| white eyed, finale $x^r x^r$ red e | eyed, male XY |
| Write eyed, formate | |
| 3. Show the cross of a white eyed female X ^r X | with a red-eyed male X T |
| $X^r X^r$ | |
| Vr 10.0 10.0 | |
| V X X X X | |
| Y x x y X Y | |
| | |
| . Show a cross between a pure red eyed fema | |
| What are the genotypes of the parents: | XX × X'U |
| XXX | |
| in the older | How many are: |
| $X'' \mid X'X' \mid X \mid X' \mid$ | white eyed, male <u>O</u> |
| TO WRY | white eyed, female O |
| y X^y X \(\)_ | red eyed, male <u>2</u> |
| the state of the court operate and a | red eyed, female <u>2</u> |
| low the cross of a red avoid famala (hatarania | note. Make can only be highly to organical but because |
| parents? | gous) and a red eyed male. What are the genotype |
| were the an abstract of the register of X and X shows & such | XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX |
| JR Jr | |
| X and X along that with a based of | How many are: |
| | white eyed, male_1 |
| (R XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX | white eyed, female |
| | red eyed, male |
| WRILLY U | red eyed, female |
| X 9 X 3 | |
| The state of the s | Moth NAU |
| | Math: What if in the above cross, 100 |
| What pero | I MAIOS WELE DIDUTION and and and a |
| the state of the s | total red-eyed flies would there |
| | ne: |
| hemophilia is a sex linked trait. Fema er have the disease or not (but they wo | Mas c 150 |