




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

Your Period?:  1  2  3  4  5  6

Due?

## Punnett Square Exercises

**Information:** The first part of this two part assignment is Punnett Square practice for a single trait. With the gene and/or genotype information given, fill in the missing (or probable) genes or genotypes that result (or could result) for children and/or parents. Uppercase letters represent dominant genes and lower case letters are recessive genes. If a child's genotype is a hybrid, place the uppercase letter first. For parents, the dominant gene in a genotype, if present, is also always listed first.

|   |   |   |
|---|---|---|
|   | B | B |
| B |   |   |
| b |   |   |

|   |   |   |
|---|---|---|
|   | B | B |
| B |   |   |
| B |   |   |

|   |   |   |
|---|---|---|
|   | b | b |
| B |   |   |
| b |   |   |

|   |   |   |
|---|---|---|
|   | B | b |
| B |   |   |
| b |   |   |

|   |   |   |
|---|---|---|
|   | B | B |
| b |   |   |
| b |   |   |

|   |   |   |
|---|---|---|
|   | b | b |
| b |   |   |
| b |   |   |

|   |   |   |
|---|---|---|
|   | E | e |
| E |   |   |
| e |   |   |

|   |   |   |
|---|---|---|
|   | A | a |
| A |   |   |
| A |   |   |

|   |   |   |
|---|---|---|
|   | D | d |
| d |   |   |
| d |   |   |

|   |   |   |
|---|---|---|
|   | H | H |
| H |   |   |
| h |   |   |

|   |    |  |
|---|----|--|
|   | B  |  |
| B |    |  |
| b | Bb |  |

|    |    |   |
|----|----|---|
|    |    | B |
| b  | Bb |   |
| Bb |    |   |

|    |   |  |
|----|---|--|
|    | B |  |
| B  |   |  |
| Bb |   |  |

|    |    |  |
|----|----|--|
|    | d  |  |
| D  | Dd |  |
| Dd |    |  |

|   |    |   |
|---|----|---|
|   | N  | n |
| N |    |   |
| n | Nn |   |

|    |   |  |
|----|---|--|
|    | E |  |
| Ee |   |  |
| Ee |   |  |

|    |   |    |
|----|---|----|
|    | R | Rr |
| Rr |   |    |
| rr |   |    |

|    |    |    |
|----|----|----|
|    | FF | Ff |
| FF |    |    |
| Ff |    |    |

|    |    |  |
|----|----|--|
|    | BB |  |
| BB |    |  |
| Bb |    |  |

|    |    |  |
|----|----|--|
|    | tt |  |
| Tt |    |  |
| Tt |    |  |

|   |    |  |
|---|----|--|
|   | N  |  |
| N |    |  |
| n | Nn |  |

|    |    |   |
|----|----|---|
|    | B  | B |
| b  | Bb |   |
| Bb |    |   |

|    |    |  |
|----|----|--|
|    | d  |  |
| D  | Dd |  |
| Dd |    |  |

|    |    |    |
|----|----|----|
|    | Ee | Ee |
| Ee |    |    |
| ee |    |    |

|    |    |    |
|----|----|----|
|    | Bb | Bb |
| Bb |    |    |
| Bb |    |    |

|    |    |    |
|----|----|----|
|    | Bb | Bb |
| Bb |    |    |
| Bb |    |    |

|    |    |  |
|----|----|--|
|    | bb |  |
| Bb |    |  |
| Bb |    |  |

|    |    |  |
|----|----|--|
|    | Bb |  |
| Bb |    |  |
| Bb |    |  |

|    |    |  |
|----|----|--|
|    | bb |  |
| bb |    |  |
| bb |    |  |