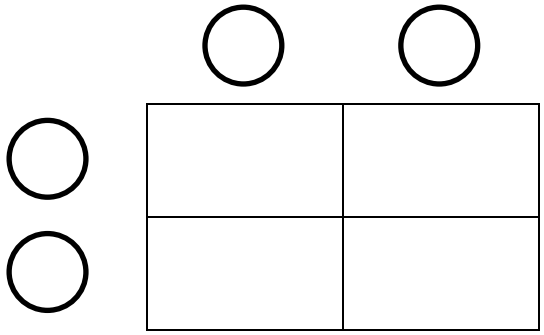
Name: _____ Period: _____ Date: _____

Monohybrid Cross Punnett Squares Assignment

I. Make a Punnett Square.

In terms of the flower position of pea plants, axial (side) is dominant to terminal (tips). Create a Punnett square showing the genetic cross of two pea plants that are heterozygous for the flower position trait. (Use letter A for the dominant trait.)



II. Interpret your data.

Based on your data above:

1. What percentage of the offspring from this monohybrid cross are homozygous dominant? _____
2. What percentage of the offspring from this monohybrid cross are homozygous recessive? _____
3. What percentage of the offspring from this monohybrid cross are heterozygous? _____
4. What percentage of the offspring will produce flower on the sides (axial)? _____
5. What percentage of the offspring will produce flower on the tips (terminal)? _____