Complete the Punnett squares & fill in the blanks

1. H h
   | H | h |
   | h |   |

   Frequencies:
   HH: ___
   Hh: ___
   hh: ___

   Genotypes:
   P1: ________
   F1: ________

2. A a
   | A | a |
   | A |   |

   Frequencies:
   AA: ___
   Aa: ___
   aa: ___

   Genotypes:
   P1: ________
   F1: ________

3. B b
   | B | b |
   | b |   |

   Frequencies:
   BB: ___
   Bb: ___
   bb: ___

   Genotypes:
   P1: ________
   F1: ________

Monohybrid cross problems

4. In pea plants, the tall (T) trait is dominant over the dwarf (t) trait. A homozygous tall plant is crossed with a homozygous dwarf plant. What are the genotypes and phenotypes of the first generation? Assume complete dominance.

   Cross: ____ × ____
   P1 genotypes: ______________________
   F1 genotype(s): ____________________
   F1 phenotype(s): ____________________

5. If two of the F1 generations from Question 4 are crossed with one another, what would be the genotypes and phenotypes of the F2 offspring?

   Cross: ____ × ____
   F1 genotypes: ____________________
   F2 genotype(s): ___________________
   F2 phenotype(s): ___________________