1.   What is your name?

2.   Regarding Sybil's experiment w/r rolling a pair of dice:

   A.   Write sentences that explain the advantages of distinguishing the two dice by color.

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Sample explanation:

It's advantageous in describing the experiment; it helps in defining the ordered pair of the outcomes in the sample space. It would be clumsy and ambiguous to refer to the die the fell to the right since one would hardly anticipate the same die would always fall to the right.

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   B.   Examine each of the following propositions and determine whether or not it is true; express your decision by circling either "T" or "F.":

      i. $X_5 = 4$

             T (F)

      ii. $X_5 = \{ (1, 4), (2, 3), (3, 2), (4, 1) \}$

             (T) F

3.   Smile.