

1. What is your name?
2. Regarding Sybil's experiment w/r rolling a pair of dice:

A. List the elements in $X_4 \cup X_{10}$.

$$X_4 \cup X_{10} = \{ (1, 3), (2, 2), (3, 1), (4, 6), (5, 5), (6, 4) \}$$

B. List the elements in $X_4 \cap X_{10}$.

$$X_4 \cap X_{10} = \{ \}$$

Note: I can't because $X_4 \cap X_{10} = \emptyset$

3. Smile.

