

Warm Up

Quiz Next Wednesday

1/20/23

Make a Venn diagram of the following  $A = \{2, 4, 6, 8, 10\}$

$B = \{3, 6, 9\}$      $U = \{1, 2, 3, 4, 5, 6, 7, 8, 9, 10\}$

1. Find  $P(A \cup B)$
2. Find  $P(A \cap B)$
3. Find  $P(A^C)$

There are 5 blue, 6 red, and 4 yellow marbles in a bag.

4. Find the probability of picking a yellow then a yellow without replacement.
5. Find the probability of picking a blue and then a red with replacement.