

Incorrect. First, notice that order doesn't matter since the two balls are taken together. There are 5 even-numbered balls, so there are 5 ways to pick the first even ball and 4 ways (any even number except for the one chosen first) to pick the second. Use the Fundamental Counting Principle to compute the number of ways to pick two even balls in order, then divide by the number of ways to arrange the two balls.