Adv Alg 2 Warm Up   Sem 2 Week 11 Block Day

1. A spinner with numbers 1-15 is spun once. Let
A= the number spun is even B= the number spun
is a multiple of 3. Find: **1 2 3 4 5 6 7 8 9 10 11 12 13 14 15**

a) P(10) b) P(A│B)   c) P(7 or 8)

2. A bag contains 3 red marbles, 5 blue marbles, and 7
yellow
marbles. If 2 marbles are drawn at random, what is the
probability of
a) Both are red marbles. (without replacement.)
b) One is blue and one is yellow. (without replacement.)
3. Using problem 2 above, what is the probability of choosing 2
red and 2 yellow on one draw?

**4. Solve by completing the square (divide out leading
coefficient first!)**
$$3x^2 = 12x + 9$$