1. A bag contains 7 red marbles, 8 blue marbles and 3 green marbles. If three marbles are drawn out of the bag, what is the *exact* probability that all three marbles drawn will be blue?

2. A bag contains 8 red marbles, 3 blue marbles and 2 green marbles. If two marbles are drawn out of the bag, what is the *exact* probability that both marbles drawn will be blue?

3. A bag contains 2 red marbles, 3 blue marbles and 5 green marbles. If two marbles are drawn out of the bag, what is the probability, *to the nearest 10th of a percent*, that both marbles drawn will be red?

4. A bag contains 8 red marbles, 5 blue marbles and 7 green marbles. If three marbles are drawn out of the bag, what is the probability, *to the nearest 1000th*, that all three marbles drawn will be green?

5. A bag contains 8 red marbles, 7 blue marbles and 2 green marbles. If two marbles are drawn out of the bag, what is the *exact* probability that both marbles drawn will be green?

6. A bag contains 5 red marbles, 7 blue marbles and 4 green marbles. If two marbles are drawn out of the bag, what is the probability, *to the nearest 1000th*, that both marbles drawn will be red?

7. A bag contains 4 red marbles, 7 blue marbles and 8 green marbles. If two marbles are drawn out of the bag, what is the probability, *to the nearest 10th of a percent*, that both marbles drawn will be green?

8. A bag contains 8 red marbles, 3 blue marbles and 7 green marbles. If three marbles are drawn out of the bag, what is the probability, *to the nearest 1000th*, that all three marbles drawn will be red?

9. A bag contains 2 red marbles, 4 blue marbles and 8 green marbles. If two marbles are drawn out of the bag, what is the probability, *to the nearest 10th of a percent*, that both marbles drawn will be blue?

10. A bag contains 3 red marbles, 7 blue marbles and 4 green marbles. If two marbles are drawn out of the bag, what is the probability, *to the nearest 1000th*, that both marbles drawn will be green?