

Quiz: Combinations

A bottle contains 20 marbles: 8 are white, 5 are red and 7 are blue. What is the probability for picking two marbles without replacing first:

1. 1 white marble and 1 red marble
2. 1 blue marble and 1 white marble
3. 2 red marbles
4. 2 white marbles

What is the probability that a randomly selecting two numbers from 1 to 20 numbers from a bag after replacing first:

5. A multiple of 5 and a multiple of 10
6. Any two factors of 10
7. Numbers "3" and "6"
8. A number which have 1 at their unit place and a factor of 11.

In a group there are 4 boys, 5 girls and 1 teacher. If two people are chosen, what is the probability of choosing:

9. 1 girl and 1 boy.
10. Two boys.
11. Teacher and 1 boy.
12. Teacher and 1 girl.

Circle # Correct	0	1	2	3	4	5	6	7	8	9	10
Percentage Score	0%	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%