



#1

Choose the best answer

If there are 5 different stripes socks, and 2 solid colored socks, how many different combinations of pairs of socks can you make?

- 11 9
 10 12

Show your work

#2

If there are 2 male birds and 2 female birds during mating season, how many different combinations of mates are possible?

ways

Show your work

#3

If there are 3 different color tulips, and 5 different color roses, how many combinations can you make with one tulip and one rose?

ways

Show your work



#4

If Kayla is painting two wall in her house, one in a shade of green and the other in a shade of blue. There are 5 shades of green to choose from, and 4 shades of blue to choose from. How many combinations of colours are possible if you must choose one green and one blue shade?

 ways

Show your work

#5

Choose the best answer

If Sophia is painting two wall in her house, one in a shade of green and the other in a shade of blue. There are 2 shades of green to choose from, and 4 shades of blue to choose from. How many combinations of colours are possible if you must choose one green and one blue shade?

 6 5 9 8

Show your work

#6

You and your friends have enough time to play one of your 4 card games, and one of your 5 tabletop games. How many different combinations of games are possible?

 ways

Show your work



#7

There are 2 different types of clown fish, and 4 types of sucker fish. If Abigail only has room in her fish tank for two fish, how many different combinations of fish are possible if one of each are chosen?

ways

Show your work

#8

Choose the best answer

You and your friends have enough time to play one of your 3 card games, and one of your 2 tabletop games. How many different combinations of games are possible?

8

6

7

4

Show your work

#9

Choose the best answer

If there are 5 types red apples, and 3 types of green apples how many combinations of one green and one red apple can you make?

17

15

10

11

Show your work



#10

If there are 5 male birds and 2 female birds during mating season, how many different combinations of mates are possible?

ways

Show your work

#11

There are 5 different types of clown fish, and 3 types of sucker fish. If Sophia only has room in her fish tank for two fish, how many different combinations of fish are possible if one of each are chosen?

ways

Show your work

#12

There are 5 different types of clown fish, and 2 types of sucker fish. If Olivia only has room in her fish tank for two fish, how many different combinations of fish are possible if one of each are chosen?

ways

Show your work

Question	Answer
#1	10
#2	4
#3	15
#4	20
#5	8
#6	20
#7	8
#8	6
#9	15
#10	10
#11	15
#12	10