



#1

Choose the best answer

In gym class there are 3 different boys, and 2 different girls. If you want to pick a male and a female team captain, how many different combinations can you choose for team captains?

 4 7 5 6

Show your work

#2

Choose the best answer

In gym class there are 2 different boys, and 3 different girls. If you want to pick a male and a female team captain, how many different combinations can you choose for team captains?

 9 6 5 8

Show your work

#3

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

 ways

Show your work



#4

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

 ways

Show your work

#5

If there are 5 different stripes socks, and 3 solid colored socks, how many different combinations of pairs of socks can you make?

 ways

Show your work

#6

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



#7

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

#8

Choose the best answer

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

 8 7 11 5

Show your work

#9

If there are 5 male birds and 4 female birds during mating season, how many different combinations of mates are possible?

 ways

Show your work



#10

Choose the best answer

If Brianna is painting two wall in her house, one in a shade of green and the other in a shade of blue. There are 3 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?

 9 15 11 12

Show your work

#11

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

#12

Choose the best answer

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

 4 1 7 5

Show your work

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