



#1

If there are 4 different stripes socks, and 2 solid colored socks, how many different combinations of pairs of socks can you make?

ways

Show your work

#2

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

ways

Show your work

#3

You and your friends have enough time to play one of your 2 card games, and one of your 4 tabletop games. How many different combinations of games are possible?

ways

Show your work



#4

Choose the best answer

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

 6 8 7 9

Show your work

#5

If there are 2 male birds and 4 female birds during mating season, how many different combinations of mates are possible?

 ways

Show your work

#6

Choose the best answer

In gym class there are 4 different boys, and 4 different girls. If you want to pick a male and a female team captain, how many different combinations can you choose for team captains?

 19 11 16 21

Show your work



#7

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

ways

Show your work

#8

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

#9

If there are 2 different stripes socks, and 4 solid colored socks, how many different combinations of pairs of socks can you make?

ways

Show your work



#10

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

ways

Show your work

#11

Choose the best answer

If there are 4 types red apples, and 5 types of green apples how many combinations of one green and one red apple can you make?

- 15 24
 20 21

Show your work

#12

Choose the best answer

There are 2 types of hairstyles, and 3 types of veils. If you must choose a pair of them, how many different combinations of the two are possible?

- 4 6
 8 9

Show your work

Question	Answer
#1	8
#2	9
#3	8
#4	8
#5	8
#6	16
#7	4
#8	6
#9	8
#10	20
#11	20
#12	6