



## Probability Fundamental Counting Principle - Scenario Details to Answer

1

How many different burgers can you make?

You are putting together a burger. You choose one patty (beef, chicken) and one cheese (cheddar, swiss, pepper jack).

A	8	B	6
C	5	D	7

2

How many different pizzas can you make?

You are putting together a pizza. You choose one size (small, medium), one crust (flat, thick, stuffed), and one topping (pepperoni, mushroom, sausage, vegetables).

A	9	B	25
C	24	D	23

3

How many different avatars can you make?

You are putting together an avatar. You choose one hairstyle (short, long), one eye color (brown, light blue, green), and one hat color (red, navy, black, white).

A	25	B	23
C	24	D	9

4

How many different meals can you make?

You are putting together a meal. You choose one main (burger, pasta) and one dessert (ice cream, cheesecake, sundae).

A	7	B	8
C	5	D	6

5

How many different gift baskets can you make?

You are putting together a gift basket. You choose one theme (spa, food, books) and one wrapping (red, gold).

A	7	B	6
C	8	D	5

6

How many different meals can you make?

You are putting together a meal. You choose one main (burger, pasta, chicken) and one dessert (ice cream, cheesecake).

A	7	B	5
C	8	D	6

7

How many different office setups can you make?

You are putting together a home office setup. You choose one desk (standing, wooden, glass) and one chair (mesh, leather).

A	6	B	5
C	7	D	8

8

How many different outfits can you make?

You are putting together an outfit. You choose one shirt (red, blue, green) and one pants (blue, green).

A	7	B	8
C	5	D	6