


Probability Fundamental Counting Principle - Image and Scenario Details to Answer

1




You are putting together a pizza. You choose one size (small, medium, large), one crust (flat, thick), and one topping (pepperoni, mushroom, sausage, vegetables). How many different pizzas can you make?

| | |
|---|----|
| A | B |
| 9 | 23 |

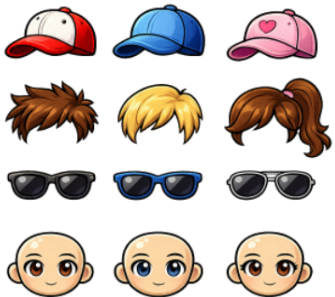
2

You are putting together an outfit. You choose one shirt (red, blue) and one pants (blue, green, white). How many different outfits can you make?



| | | |
|---|---|---|
| A | B | C |
| 5 | 7 | 8 |
| D | | |
| 6 | | |

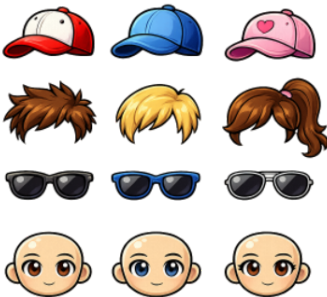
3



You are putting together an avatar. You choose one hairstyle (short, long, curly) and one eye color (brown, light blue). How many different avatars can you make?

| | |
|---|---|
| A | B |
| 6 | 7 |


4



You are putting together an avatar. You choose one hairstyle (short, long), one eye color (brown, light blue, green), one hat color (red, navy, black, white, pink), and one sunglasses style (aviator, wayfarer, round, cat eye). How many different avatars can you make?

| | |
|-----|----|
| A | B |
| 120 | 14 |


5



You are putting together an ice cream cone. You choose one flavor (chocolate, vanilla) and one sauce (caramel, fudge, berry). How many different cones can you make?

| | |
|---|---|
| A | B |
| 6 | 8 |


6



You are putting together a pizza. You choose one size (small, medium, large) and one crust (flat, thick). How many different pizzas can you make?

| | | |
|---|---|---|
| A | B | C |
| 7 | 6 | 8 |
| D | | |
| 5 | | |


7



You are putting together an outfit. You choose one shirt (red, blue), one pants (blue, green, white), and one hat (red, blue, green, white, tan). How many different outfits can you make?

| | |
|----|----|
| A | B |
| 10 | 31 |

8



You are putting together an ice cream cone. You choose one flavor (chocolate, vanilla, strawberry) and one sauce (caramel, fudge). How many different cones can you make?

| | |
|---|---|
| A | B |
| 5 | 7 |