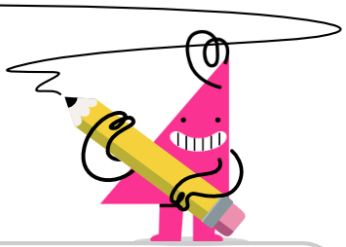
Name



Probability Fundamental Counting Principle - Scenario Counts to Multiplication

1

You are putting together an avatar. There are 3 hairstyles, 2 eye colors, 5 hat colors, and 4 sunglasses styles to choose from.

Which multiplication gives the number of different avatars you can make?

A $3 + 2 + 5 + 4$	B $3 \times 2 \times 5 \times 4$
C $2 \times 2 \times 5 \times 4$	D $4 \times 2 \times 5 \times 4$

2

You are putting together a home office setup. There are 2 desks and 3 chairs to choose from.

Which multiplication gives the number of different office setups you can make?

A $2 + 3$	B 3×3
C 1×3	D 2×3

3

You are putting together an avatar. There are 3 hairstyles and 2 eye colors to choose from.

Which multiplication gives the number of different avatars you can make?

A 2×2	B $3 + 2$
C 3×2	D 4×2

4

You are putting together a home office setup. There are 3 desks and 2 chairs to choose from.

Which multiplication gives the number of different office setups you can make?

A $3 + 2$	B 3×2
C 2×2	D 4×2

5

You are putting together a burger. There are 2 patties and 3 cheeses to choose from.

Which multiplication gives the number of different burgers you can make?

A $2 + 3$	B 1×3
C 3×3	D 2×3

6

You are putting together a gift basket. There are 3 themes and 2 wrappings to choose from.

Which multiplication gives the number of different gift baskets you can make?

A 3×2	B 2×2
C 4×2	D $3 + 2$

7

You are putting together an outfit. There are 3 shirts and 2 pants to choose from.

Which multiplication gives the number of different outfits you can make?

A 4×2	B 2×2
C $3 + 2$	D 3×2

8

You are putting together an ice cream cone. There are 2 flavors and 3 sauces to choose from.

Which multiplication gives the number of different cones you can make?

A 3×3	B 2×3
C $2 + 3$	D 1×3