

Question:

You want to make a pizza. You have 3 different types of cheese, 5 different toppings, 2 different crusts and different types of sauces x to choose from but can only choose one for each category. It is known that you can have 60 different pizzas. Find the number of different sauces you have.

Answer:

By multiplication principle:

$$(3) * (2) * (5) * (x) = 60$$

$$x = 2.$$