

Organized Lists - I

Make an organized list to solve the following questions.

1. Adrian tosses a coin. If heads appears, he selects a number from first 3 natural numbers and if tails appear, he rolls a regular six face dice. How many outcomes are possible for this experiment?

Organized list:

Solution:

2. An ice cream shop offers 3 different flavors of ice cream and 2 different toppings for each flavor. How many ways can the icecream be ordered?

Organized list:

Solution:

3. A pentagonal dice numbered 1 to 5 is rolled. If an odd number appears, Olivia tosses a coin otherwise she picks up a card from a deck of 52 cards. Find the total number of outcomes.

Organized list:

Solution:

4. Asher picks up one of the objects randomly from the two objects shown below. If he picks the ball, he rolls a dice. If he picks the bat, he tosses a coin. Find all the possible outcomes.



Organized list:

Solution:

5. All the faces of the pyramid are painted with different colors. Jack selects a face randomly. If the selected face is blue, he selects a number from the first 10 natural numbers else he tosses a coin. Find the total number of possible outcomes.



Organized list:

Solution: