

**Question 1:**

Complete the following analogy: "Pre" is to "post" as "prologue" is to?

**Question 2:**

If Molly's daughter is my daughter's mother, what am I to Molly?

Grandmother

Mother

Daughter

Granddaughter

**Question 3:**

There are six chairs, each of a different colour. In how many ways can these six chairs be arranged in a straight line?

**Answer 1:**

Epilogue

**Answer 2:**

I am Molly's daughter

**Answer 3:**

720 different ways.

You can use this expression to solve the problem (also called factorial notation):

$$6! = 6 \times 5 \times 4 \times 3 \times 2 \times 1 = 720$$