1 4! = 4 \* (4 - 1)!

2 = 4 \* **3!**

3 = 4 \* (3 \* **2!)**

4 = 4 \* (3 \* (2 \* **1!**))

5 = 4 \* (3 \* (2 \* (1 \* **0!**)))

6 = 4 \* (3 \* (2 \* (1 \* **1**)))

7 = 24

**Figure 9.2 Calculating 4! using the recursive definition of n factorial.**