

```
Fact1[1] = 1;
Fact1[n_] := n Fact1[n - 1]
Fact2[n_] := Times @@ Range[1, n]
Fact3[n_] := Product[i, {i, 1, n}]
Fact4[n_] := If[n ≤ 2, n, n * Fact4[n - 1]]
Fact5[n_] := n!
#[5] & /@ {Fact1, Fact2, Fact3, Fact4, Fact5}
{120, 120, 120, 120, 120}
```