$62 = 2 \cdot 31$

$63 = 3 \cdot 3 \cdot 7 = 3^2 \cdot 7$

$64 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 = 2^6$

$65 = 5 \cdot 13$

$66 = 2 \cdot 3 \cdot 11$

$68 = 2 \cdot 2 \cdot 17 = 2^2 \cdot 17$

$69 = 3 \cdot 23$

$70 = 2 \cdot 5 \cdot 10$

$72 = 2 \cdot 2 \cdot 2 \cdot 3 \cdot 3 = 2^3 \cdot 3^2$

$74 = 2 \cdot 37$

$75 = 3 \cdot 5 \cdot 5 = 3 \cdot 5^2$

$76 = 2 \cdot 2 \cdot 19 = 2^2 \cdot 19$

$77 = 7 \cdot 11$

$78 = 2 \cdot 3 \cdot 13$

$80 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 5 = 2^4 \cdot 5$

$81 = 3 \cdot 3 \cdot 3 \cdot 3 = 3^4$

$82 = 2 \cdot 41$

$84 = 2 \cdot 2 \cdot 3 \cdot 7 = 2^2 \cdot 3 \cdot 7$

$85 = 5 \cdot 17$

$86 = 2 \cdot 43$

$87 = 3 \cdot 29$

$88 = 2 \cdot 2 \cdot 2 \cdot 11 = 2^3 \cdot 11$

$90 = 2 \cdot 3 \cdot 3 \cdot 5 = 2 \cdot 3^2 \cdot 5$

$91 = 7 \cdot 13$

$92 = 2 \cdot 2 \cdot 23 = 2^2 \cdot 23$

$93 = 3 \cdot 31$

$94 = 2 \cdot 47$

$95 = 5 \cdot 19$

$96 = 2 \cdot 2 \cdot 2 \cdot 2 \cdot 2 \cdot 3 = 2^5 \cdot 3$

$98 = 2 \cdot 7 \cdot 7 = 2 \cdot 7^2$

$99 = 3 \cdot 3 \cdot 11 = 3^2 \cdot 11$

$100 = 2 \cdot 2 \cdot 5 \cdot 5 = 2^2 \cdot 5^2$

The prime factorization of a prime number is itself.

So, the prime factorization of 2 is (2).

(3) (53) (11) (5) (59) (19) (29)