

# Sunscreen Statistics

**National Sun Awareness Week  
4th - 10th May  
2020**

National Sun Awareness Week is part of the British Association of Dermatologists' annual campaign to raise awareness of skin cancer. Skin cancer can make you really ill, and can even kill. This is why you should always wear sunscreen when it's very sunny!



1. After applying sunscreen, you should wait 20 minutes before going outside. How many seconds is this?
2. Most sunscreens don't go out of date for approximately 2 years. How many months is this?
3. Waterproof sunscreens lose some of their effectiveness after 40 minutes in the water. What fraction of an hour is this?
4. 80% of people don't apply sunscreen before going outside. In an office with 60 workers, how many would not apply sunscreen before going outside?

## **Brainteaser!**

A sunscreen's Sun Protection Factor (SPF) number refers to the factor by which it enhances a person's natural sun protection. If someone normally burns in 20 minutes, then a sunscreen with an SPF of 15 would protect them for 300 minutes ( $SPF\ 15 \times 20\ minutes = 300\ minutes$ ).

If a person normally burns in 15 minutes, how long would a sunscreen with an SPF of 30 protect them for? Give your answer in hours and minutes.

