**Are your Numbers up?**

**The psychological appeal of lotteries**

**Playing on** national lottery games is one of the most popular forms of gambling worldwide and they are also a growing in popularity in their many online incarnations. But what is the psychological appeal of an activity where the odds of winning huge jackpot prizes are usually infinitesimal? For instance, the odds of winning the EuroMillions lottery are 76 million to one. I often joke that you would get better odds of Elvis Presley landing on the moon on the back of the Loch Ness Monster.

**Happiness is relative**

Most of us have probably wondered what we would do if we ever won the lottery, but the sad fact is that almost all of us won't ever win even if we play the lottery every week for the rest of our lives. Conventional wisdom says that big jackpot lottery winners should hopefully look forward to a long life of everlasting happiness. However, research studies have found that lottery winners are euphoric very briefly before they settle back to their 'normal' level of happiness or unhappiness. This is because happiness is relative. There is a popular belief by some psychologists that in the long run, winning on the lottery will not make you happy. Researchers who study happiness say that everyone has a certain level of happiness that stays relatively constant but can be changed by particular events that make you happy or sad.

For instance, if you are a generally happy person and a close relative dies, research shows that after a few months or so, you will go back to the same happiness level you were previously. However, this works the other way too. Say you are a person who is not very happy in your day-to-day life. You could win the lottery and would probably be happy for a couple of months, but then you would 'level out' and go back at your normal unhappiness level.

On a more practical day-to-day level, most of the research on lottery winners has shown that their lives are much better as a result of their life-changing wins but there is also a significant minority of winners who find other problems occur as a result of their instant wealth. They may give up their jobs and move to a more luxurious house in another area. This can lead to a loss of close friends from both the local neighbourhood and from their workplace. There can also be family tensions and arguments over the money and there is always the chance that winners will be bombarded with requests for money from every kind of cause or charity. However, despite potential problems, most of the psychological research (perhaps unsurprisingly) indicates that winners are glad they won.

There are also those groups of people who will view the acquisition of instant wealth as 'undeserved'. Basically, when people win the lottery, other people treat them differently, even if the winners don't move out of the area or carry on in their jobs. This can lead to envy and resentment, not just from people who know the winners, but also from those in the locality where the winners may move. Thankfully, most large lottery operators have an experienced team of people to help winners adjust to their new life and to minimise potential problems.

**Popularity**

It's unlikely that the downsides of winning the lottery would be enough to put us off playing. Neither is the 'psychology of entrapment' with people who choose the same numbers the person may become trapped in the long run, winning on the lottery and people suddenly become over-optimistic. For instance, one study found that 22 percent of people thought that if they played the National Lottery every week until they died, they would scoop the National Lottery jackpot at some point in their lifetime.

We also know that as human beings we tend to overestimate positive outcomes and underestimate negative ones. For instance, if someone is told they have a one in 14 million chance of being killed on any particular Saturday night they would hardly give it a second thought because the chances of anything untoward happening are infinitesimal.

However, given the same probability of winning the National Lottery and people suddenly become over-optimistic. For instance, one study found that 22 percent of people thought that if they played the National Lottery every week until they died, they would scoop the National Lottery jackpot at some point in their lifetime.

Another factor that may be important in why lotteries are so financially successful is because of the 'psychology of entrapment' with people who choose the same numbers every week. By picking the same numbers the person may become trapped into playing every week. Each week the player thinks they are coming closer to winning. The winning day is impossible to predict but should the player decide to stop and cut their losses, they are faced with the prospect that the very next week their numbers might come up. Very simple, but effective, psychology.

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