

2014 in Numbers—Maths Challenge

2014 has been a very packed year, can you solve the maths problems based on the year and make your way to 2015?

Problem 1—Ice Bucket Challenge

Imagine a world with seven billion people in it. One person starts with the Ice Bucket Challenge and nominates three people. These three people have 1 day to do the challenge. After that, each one nominate another three people. You can't do the challenge twice. This process goes on and on, until everyone has been nominated and done the Ice Bucket Challenge.

Here's the question: In how many days can the entire world do the Ice Bucket Challenge?



Problem 2-Frozen

Frozen was a huge phenomenon it made:

Domestic Box Office:\$400,737,000

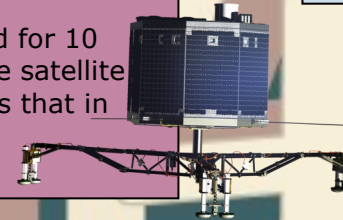
International Box Office:\$853,775,386

How much did it take in total?



Problem 7 - Comet Landing

The Philae Lander comet travelled for 10 years to reach its destination. The satellite travelled 6.4 billion km, how far is that in miles? What speed did it travel?



2015

Problem 6 - Pharrell Williams

'Happy' was the best selling song of 2014. Listen to the song. How many times does Pharrell say the word 'Happy' ?

Problem 5 - Guardians of the Galaxy.

Guardians of the Galaxy was the top grossing film of 2014.

Guardians of the Galaxy cost \$170,000,000 to make but grossed \$770,226,145

How much profit did it make?



Problem 4 - Winter Olympics

Host nation Russia won 13 gold, eleven silver and nine bronze medals. How many medals did they win in total



Problem 3 - Robbin Williams

Unfortunately Robin Williams died this year. He was born in 1951 and died in 2014. How old was he when he died?

