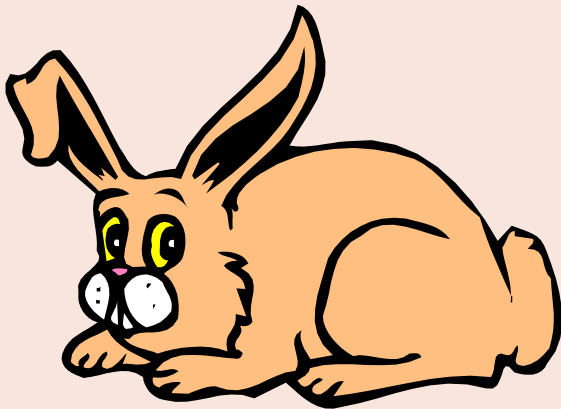


## Level 1

Farmer Brown has two rabbits. He tells his son that rabbits double in number every year. How many rabbits will he expect to have in 7 years?



## Level 2

Six netball teams all need to play each other once in a tournament. How many matches will need to be played for this to happen?



## Level 3

Bill lives 24 km from Reese along a straight part of highway. Bill cycles at 5 kpm towards Reese's house and Reese skateboards at 3 kpm towards Bill's. If both start at the same time, how many km will Bill travel before meeting Reese?



## Level 4

Mr Smith is travelling on the train with his baby Tina, who is afraid of the dark. She starts to scream if she is in the dark for more than 90 seconds. The train has to go into a very dark tunnel 1 km long. The train is 1 km long and travelling at 60 kph. Will Tina start to scream?

Source: [www.questacon.edu.au](http://www.questacon.edu.au)

