

Maths challenges

Symbol puzzle

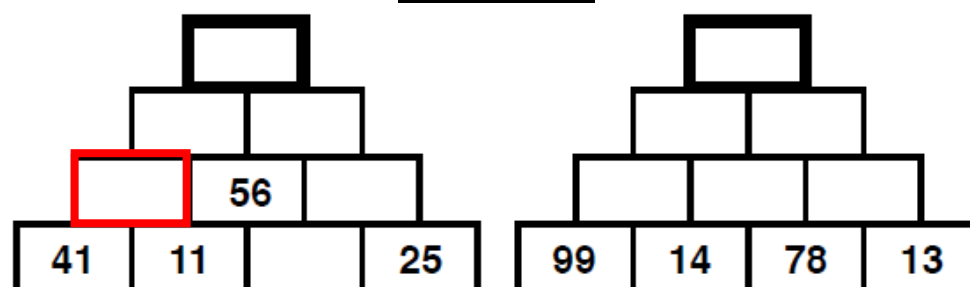
Fill each square with one of the five symbols so that the same symbol does not appear twice in any horizontal row, vertical row or diagonal row.



Number pyramids

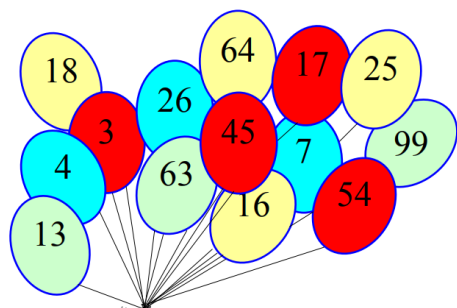
Add two adjoining numbers and write the total in the box above.

For example: On the first one $\rightarrow 41 + 11$ will give you the red box



Balloon bursting

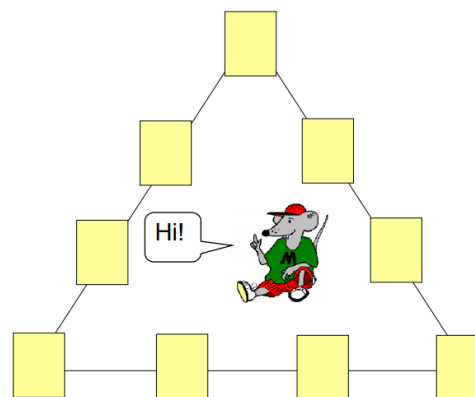
If a number in one of the balloons is included in the answers to the four problems below then that balloon will fly away.



1. Balloons that are a multiple of 9
2. Balloons that are a square number
3. Balloons that are a prime number

Which balloon is left?

Twenty triangle



Using the numbers 1-9. Can you place each number in a box so that each side adds up to make 20?