

# DECEMBER MATHS STARS PROBLEMS



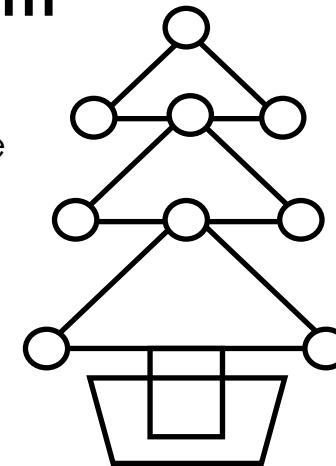
## ★ Problem

To allow last minute Christmas shopping, the Overgate Shopping Centre is opening from 8am till midnight on Mondays to Saturdays and 8am till 10pm on Sundays. How many hours is it open in one week?



## ★★ Problem

Place the numbers 1 to 9 inside the baubles on the Christmas tree so that each triangular section of the tree adds up to the same total.



## ★★★ Problem

Beth is making gingerbread men. She uses 2 raisins for eyes and 3 raisins for buttons for each gingerbread man. She buys 4 boxes of raisins, each with 120 raisins in it. How many dozens of gingerbread men can she make?



## ★★★★ Problem

On the twelfth day of Christmas, my true love sent to me

Twelve lords' a-leaping,

Eleven ladies dancing...

...And a partridge in a pear tree!

How many gifts did my true love send to me altogether in all twelve days?

