

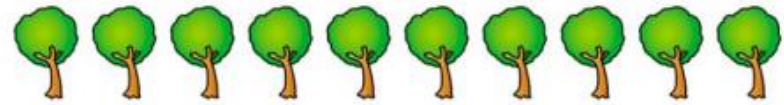
Maths challenges

How old is the teacher?

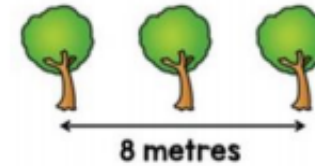
Next year my age will be a multiple of 5

This year my age is a multiple of 4

I'm older than 18, but younger than 42



The trees are spaced out equally.
The distance between the fourth and sixth tree is 8 metres.



What is the distance between the first and last tree?

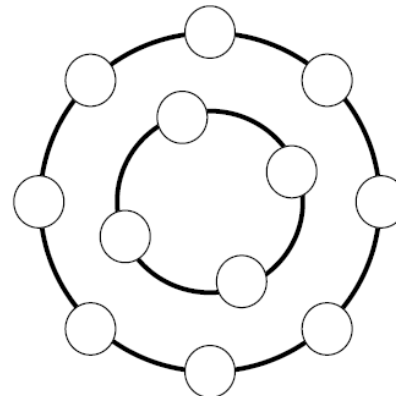
Can you solve this?

$$\begin{aligned} \text{Red flower} + \text{Red flower} + \text{Red flower} &= 60 \\ \text{Red flower} + \text{Blue flower} + \text{Blue flower} &= 30 \\ \text{Blue flower} - \text{Yellow flower} &= 3 \\ \text{Yellow flower} + \text{Red flower} + \text{Blue flower} &= ? \end{aligned}$$

Be careful – there is a trick!

Number circles

Write the numbers 1 - 12 in the circles in the diagram. Use each number only once. The sum of the numbers in the outer circle must be twice the sum of those in the inner one.



Hint: The inner circle must equal 26