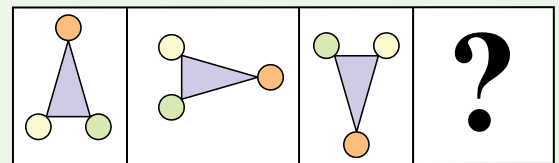# Fun Maths Puzzles

Level 1

Each circle in the sketch has a value double that of the previous circle. If the smallest circle has a value of 3, what is the value of the millipede's head?
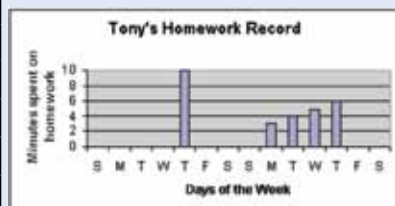
Millipede by Ben Reidy

Level 2

What is in the last box if the pattern continues?

Level 3

The data shows how long Tony spent learning his tables each night and his tables test score for the fortnight. What does the data suggest?

Test scores	
Mon	0
Tue	0
Wed	0
Thurs	0
Fri	4
Mon	0
Tues	2
Wed	3
Thurs	4
Fri	5

Tony's Homework Record

Source: http://nzmaths.co.nz/resource/tonys-spelling-troubles?parent_node=

Level 4

Sue needs to cut 65 pickets each 75 cm long.

Timber costs:
2.4 m length: $4.65
3.6 m length: $6.84
5.4 m length: $10.26

What should she buy for the best value?