HOW MANY THREE-DIGIT NUMBERS ARE THERE IN WHICH ONE OF THE DIGITS IS THE SUM OF THE OTHER TWO?
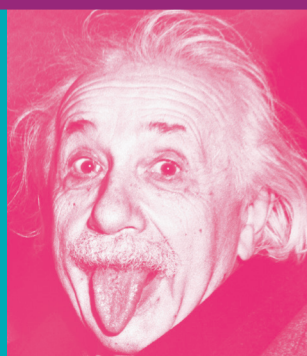
A new block of flats is being built and Trudy is buying the letterbox numbers. The letterboxes are to be labelled from 190 to 212. How many zeros will she need to buy?

In this multiplication, L, M and N are different digits. What is the value of L + M + N?

$$\begin{array}{cccc} & L & L & M \\ \times & & & M \\ \hline N & M & 5 & M \end{array}$$

(A) 13   (B) 15   (C) 16   (D) 17   (E) 20

It's not that I'm so smart, it's just that I stay with problems longer. Albert Einstein

+ = => ÷ **DO YOU LIKE MATHS?**

Australian Mathematics Competition

problem solving

TEST YOURSELF

Thursday 28 July 2016

I have a $10 note and an ice-cream costs $2.20. What is the greatest number of ice-creams I can buy?

(A) 3   (B) 4   (C) 5   (D) 6   (E) 7

maths can take you any where

Six different whole numbers, chosen from the numbers from 1 to 100, add up to 100. What is the greatest possible value of the largest of these numbers?
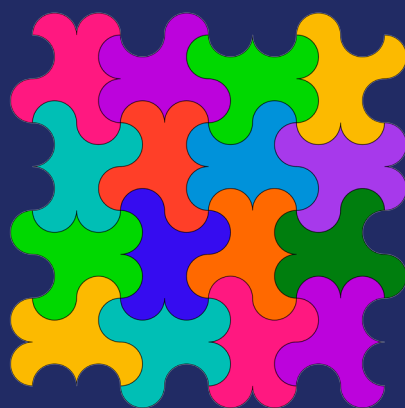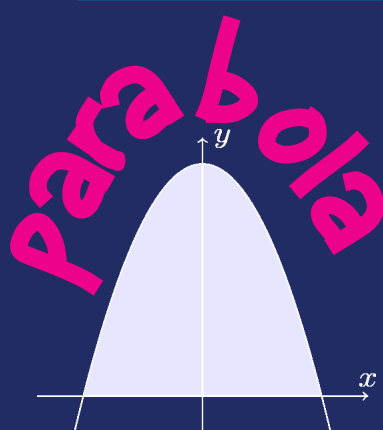
π 3.14159265358979323846264338327950

Given that $\frac{1001}{77} = 13$, what is the value of $\frac{100.1}{770}$?

TIME DISTANCE SPEED

Algebra is the language through which we describe patterns.

$$a^2 + b^2 = c^2$$

Pythagoras' theorem

Parabola

A tessellation is created when a shape is repeated over and over again covering a plane without any gaps or overlaps.