

# Maths challenges

I'm thinking of a number...

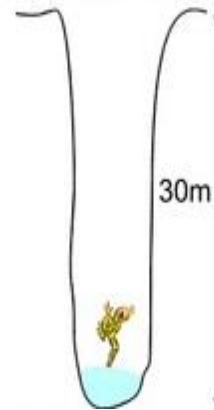
Verity is thinking of a number. It has 6 digits and its digit total is 12. The digit in the hundreds place is a 5. What could the number be? Give 3 possibilities.


Can you complete the addition and subtraction square?

6	+		=	14
+		+		+
	+	9	=	16
=		=		=
13	+		=	

20	-	12	=	
+		+		+
25	-		=	13
=		=		=
	-		=	

The jumping frog



A frog has fallen into a pit that is 30m deep.

Each day, the frog climbs 3m, but falls back 2m at night. How many days does it take for him to escape?

Work out the value of each shape

$$\square + \square + \triangle = 27$$

$$\triangle + \triangle + \bigcirc = 26$$

$$\square + \bigcirc + \square = 32$$