Y6 Friday 19th June

Today you will be using your mental maths skills to calculate answers. You are allowed jottings /diagrams/pictures but not formal calculations. Good luck!

Remember that cubed

e.g 2^3 means to the power of 3 so 2x2x2

find the product means multiply
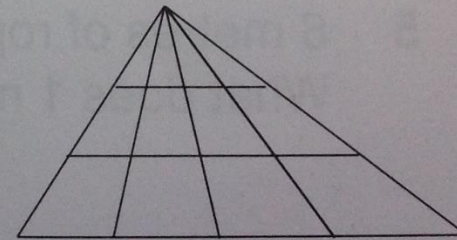
one eighth is a learn by heart conversion of 0.125

and to find the square root of a number you work backwards to find out what multiplied by itself to create the given number

9b

1 What is 10^3? $*$

2 $7.6 + 6.8$.

3 $(136 - 58) + 12$.

4 Find the product of 4 and 29.

5 99% of £5. $*$

6 $(77 \times 3) + 9$.

7 Divide 0.1 by 0.1. $*$

8 One eighth as a decimal. $*$

9 $10 = a - 7$. What is a? $*$
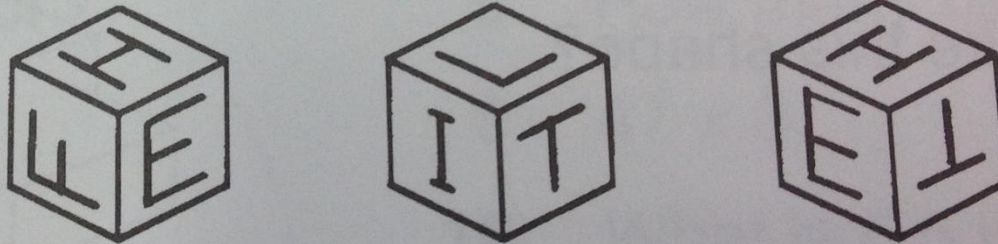
10 $15.12 = 15 + 0.1 + \square$

9c

1. Find the difference between 400 and 138.
2. If I take 6 from half a number, I get 10. What is the number?
3. What is the surface area of a cube made from 8 small cubes?
4. Which is less: two thirds or five sevenths?
5. If w is a whole number, what is the next whole number?
6. Is a ten minute walk about 1km, 2km or 3km?
7. How many vertices has an octagonal prism?
8. What is the square root of one million? ✳
9. How many days in 38 weeks?
10. How many triangles can you see altogether?

9d

These are three positions of the same cube.

What letter is opposite L?

Scroll down for answers...

Task 9b

1. 1000
2. 14.4
3. 90
4. 116
5. £4.95
6. 240
7. 1
8. 0.125
9. $a = 17$
10. 0.02

Task 9c

1. 262
2. 32
3. 24 sq. units
4. Two thirds
5. $w + 1$
6. 1 kilometre
7. 16
8. 1000
9. 266
10. 30 triangles

Task 9d

H is opposite L.