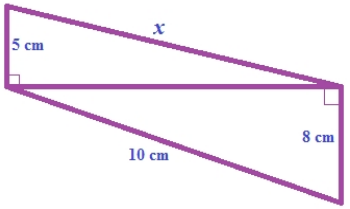
A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
NOVEMBER 2016	1 Without a calculator, work out: 0.12 x 74	2 Solve by factorising. $x^2 + 8x + 15 = 0$	3 What is the square root of 100 million?	4 Work out 64 as a power of 2	5 The points (-1, 0) and (1, 4) are the diagonally opposite corners of a square.. Work out the coordinates of the other two corners of the square.	6
7 Write 147 as a product of its prime factors	8 Simplify -8 x f x 3 x g	9 Calculate: $\frac{3}{7}$ of 28	10 Calculate $4.6 \times 10^{-2} + 3.2 \times 10^{-3}$	11 Factorise $3x^3y^4 - 5xy^2$	12 How many 20p coins make up £10.000? If each coin is 1.7 .mm thick, how tall would a stack of all these coins be? Give your answer to the nearest metre.	13
14 Write 1 000 001 in standard form	15 Without a calculator, work out: 19 476 - 18 587	16 Explain why 21 is not a term in the sequence 3n+5	17 Calculate 19876 x 13	18 Expand and simplify 3t (t - 4) + 2t (3t - 1)	20 Calculate x 	
21 Simplify $4a^2 - 5a^2 + 3a + a$	22 Make a the subject of the formula $v = u + at$	23 If a square has an area of 100 cm^2 what is its perimeter?	24 Work out 22.5% of £180	25 What is 150.000 less than 10 million?	26 Three friends share a flat: • Al pays 30% of the rent. • Bob pays 1/4 of the rent. • Chris pays £225. How much do they pay altogether for the rent?	27
28 Expand & simplify (x + 3)(x + 5)	29 Solve 4t - 9 = -3	30 Calculate: $\frac{3}{7} + \frac{3}{5}$	**REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!**			