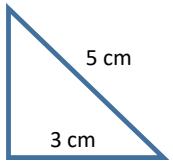
A LITTLE BIT OF MATHS EVERY DAY ...

MARCH '18

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
			1 What number is halfway between -4 and 11?	2 Convert the below fraction to a % $\frac{3}{8}$	3 How many numbers less than 100 can you list that are "one less than a square number"?	4
5 The hypotenuse of a right-angled triangle is 13 cm long. One of the other sides is 5 cm. How long is the third side?	6 I have 6 red pens, 4 blue pens and 3 green pens. What fraction of the pens are green?	7 What is the value of: $(\sqrt{3})^2$	8 Without a calculator work out £2.37 x 12	9 Without a calculator $\frac{3}{5} \times 420$	10 The dimensions of a fish tank are 50 cm by 32 cm by 20 cm. The tank is three quarters full with water. How much water is in the tank?	11
12 Whats the smallest even number that can be used with the following digits? 5 4 8 3	13 Simplify $2x^2 + 2x^2$ m x m x m + p + p	14 Estimate $\frac{8.6 \times \sqrt{64.99}}{4.34 \times 4.1}$	15 True or False? 22 is a factor of 11	16 Given 2 gallons = 9 litres how many litres in 19 gallons?	17 A sequence of numbers is given as 2 7 12 17 22 Find the *n* th term of the sequence. Explain how you know 876 is not in the sequence.	18
19 Write 1111 in standard form	20 Write £16 : 80p: £2.40 in its simplest form	21 How many faces does a square based pyramid have?	22 Calculate: $\frac{3}{4} \div \frac{4}{5}$	23 Calculate the area of the triangle.  	24 $\frac{3}{5}$ of a number is 45. What is $\frac{1}{3}$ of the number?	25
26 Write down the value of 32^0?	27 Solve 5x - 2 > 6 + 3x	28 What is the value of *n* ? $5^n \times 5^4 = 5^8$	29 Al, Bob and Cath share some money in the ratio 1:3:5. If Bob received £75 how much did they share?	30 A circle with a diameter of 10cm is split into quarters. Calculate the area of one quarter?	31 Write 32 x10^6 in standard form 	**REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!**