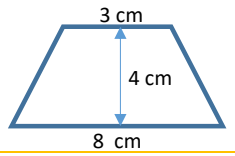
A LITTLE BIT OF MATHS EVERY DAY ...

JULY 2018

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
						1 Without a calculator $1\frac{2}{7} + 2\frac{4}{5}$
2 Change 5.05 kg to grams	3 Without a calculator $\frac{4}{9}$ of 540	4 What is the LCM of 8 and 36?	5 What is the HCF of 36 and 54?	6 Without a calculator $1\frac{2}{7} - 2\frac{4}{5}$	7 In a class, the ratio of the number of boys to the number of girls is 3:4 50% of the boys are left handed 25% of the girls are left handed What percentage of the class are left handed?	8
9 The range of two numbers is 17. The largest number is -8. What is the smallest number?	10 What is the square root of 100 million?	11 Show that 77 is not a square number	12 Rearrange to make r the subject. $4r - p = q$	13 Divide £3.50 in the ratio 2:5	14	15 Three whole numbers have a total of 100 The first number is a multiple of 15 The second number is ten times the third number. Work out the three numbers.
16 Write 280 as a product of prime factors	17 Calculate: $4 + 6 \times 3 - 5$	18 Solve this inequality. $3x - 2 \leq 10$	19 Factorise: $x^2 - x - 12$	20 Calculate the area  	21 jack says the answer to the below is negative. Is he correct? $\frac{\sqrt{98.5} - 12.1}{-0.8}$	22
23 Without a calculator: $84 \div 3$	24 Simplify $-7t + 8 - 3t + 2d$	25 Without a calculator 517×16	26 I am thinking of a number ; If I cube my number add 9, I get 17. What number is am I thinking of?	27 The nth term of a sequence is given by 3n + 5. is 21 a term in this sequence?	28	29 jen buys a car for £8535 She pays a deposit of £1875 She pays the rest in 36 equal monthly payments. Work out the amount of each monthly payment.
30 What is the size of each angle in an equilateral triangle?	31 Simplify $10t^2 + 4t - 3t^2$	REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!				

www.justmaths.co.uk