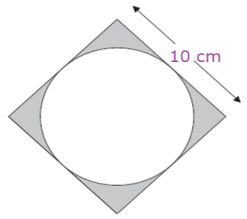
A LITTLE BIT OF MATHS EVERY DAY ...

SEPTEMBER 2018

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
					1 Al, Bob and Chris sell cars. Al sells x cars. Bob sells 5 more cars than Al. Chris sells twice as many cars as Al. Write an expression, in terms of x, for the mean number of cars Al, Bob and Chris sell.	2
3 Simplify $(2a)^3$	4 Julia and Sam shared some money in the ratio 4:3 If Sam got £51 how much did they share?	5 Write 525 as a product of prime factors	6 What is the HCF of 12 and 20?	7 Factorise $12x^3y - 18xy^2$	8 If a typist can type 50 words per minute, how long will it take to type 40 pages with 250 words per page?	9
10 $\frac{1}{3} - \frac{1}{4}$	11 List the factors of 24	12 What is 90 less than 10 thousand?	13 Which is longer: 1,000 000 seconds or 10 days?	14 Expand and simplify $3(t+4) - 2(4t+1)$	15 One of the students in a class is chosen at random. The probability that this student is a girl is 3/5 There are 12 boys in the class. Work out the total number of students in the class.	16
17 The area of the cross section of a prism is 30 cm^2 and it is 25 cm long. Work out the volume of the prism.	18 What is 1.2 divided by 0.2?	19 Write down the first 4 terms of the sequence $2n + 4$	20 Solve $2p - 2 = 11$	21 Simplify $\frac{6+8}{6 \times 8}$	22 What is the total area that is shaded? 	23
24 Work out 126 x 14 without a calculator	25 Work out 22.5% of £180 without a calculator	26 $\frac{2}{3} + \frac{1}{4}$	27 Write 501 in standard form	28 Calculate $1^3 + 2^3 + 3^3$	29 3 "things" cost £5.10. How much do 2 "things" cost?	30

REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!

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