A LITTLE BIT OF MATHS EVERY DAY ...

Monday	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY SUNDAY
Ju	NE 20	17	A square has a side length of 8.2cm. What is the length of a diagonal of the square? 8.2 ² +8.2 ² = 134.48 2.2-134.48 = 11.60.24	P 2,3,5,7,11[3] Find the product of the sixth prime number and the third triangular number. 1 36 13 × 6 = 78	A box is on a table. The area of the box in contact with the table is 1500 cm². The pressure on the table is 28 newtons/m². Work out the force exerted by the box on the table. F = 0 · LS × 28 = 4 · 2 newtons
Factorise fully $15xy^{2} + 27x^{2}y + 9xy$ $3xy(5y + 9x + 3)$ $x^{2} - 169$ $(x+13)(x-13)$ What is the interior angle of a pentagon? $3xdu = 80$ $4 \cdot 360$ $5 \cdot 108$	Work out the value of $(3 \times 10^{-5}) \div (6 \times 10^{7})$ 5×10^{-13} 13 Solve $4x - 7 = 21$ $4x = 28$ $x = 7$		Town B is on bearing of o65° from Town A. What is the bearing of Town A from Town B? 180 + 65 2145° Write 185 as a product of its prime factors	Simplify fully $ \frac{m^2 \times m^{-5}}{m^{-3}} = \frac{m^3}{m^3} $ $ m^{\circ} = 1 $ Factorise $ x^2 - 7x + 12 = \frac{3.44}{3.44} $ $ (\infty - 3)(\infty - 4)$	The total cost of 3 pens and 4 pencils is £1.84
Change 4.2m ² into mm ² 1000 x 4200 4.2m 4,200,000 Simplify 4(x+3)-2(x-2) 450+12-25+4 250+16	What is the lowest common multiple of 8, 126 12 and 15? 126 12 and 15? 126 12 12 12 12 12 12 13 14 15 13	Calculate: $\frac{2}{5} + \frac{3}{8} = \frac{31}{40}$	Expand and simplify $(2x-y)(3x+2y)$ $6x^2+xy-2y^2$ $3y^2(2x-3)$ $6y^2x-9y^2$ A water container has 19.5 litres of water in it. A cup holds 210 ml of water. How many cups of water can be filled from the water container? $19500 \div 210 = 92.857$	A number "x", is rounded to 9.5 correct to 2 significant figures. What is the error interval of x?	There are a total of 120 counters in a box. There are three times as many red counters as blue counters. Vicky takes one third of the red counters from the box of the blue counters from the box. Work out the ratio of the number of red counters to the number of blue counters to the number of blue counters to the number of the counters to the number of the counters of the number of the counters to the number of the counters to the number of the counters of the number of the numb

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