A LITTLE BIT OF MATHS EVERY DAY.

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Monday	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY SUNDAY
Novem	BER '17	Write 2.71 × 10 ⁷ as an ordinary number	If it takes 3 people 8 hours to complete a task, how long would it take 4 people to complete the same task?	Convert to a mixed number fraction $\frac{21}{5} \checkmark 5$	84 can be written as $2^2 \times 3 \times 7$. Use this information to help you: $(2^2 \times 3^2 \times 1)^2$ 84 ** 2×168 a) write 168 as a product of its prime factors. $2^3 \times 3 \times 7$ B) write 84^2 using index notation $2^4 \times 3^2 \times 7^2$
What is the gradient and intercept of the line? 2y-3x=4 1y=3x+4 y=1.5x+2	Which of these us a geometric sequence and which is an arithmetic sequence: 1, 3, 9, 27 2, 5, 8, 11 Control of these us a geometric sequence: 1, 3, 9, 27 2, 5, 8, 11 Control of these us a geometric sequence:	Solve: (x+1)(x+4) = (x-2)(x-3) (x+1)(x+4) = (x-2)(x-3) (x+2)(x+4) = (x-2)(x-3) (x+2)(x+4) = (x-2)(x-3)	Without a calculator work out 6511 ÷ 17 383	Calculate $4\frac{5}{6} - 2\frac{1}{5}:2\frac{19}{30}$	The pictogram shows the number of cars in a car park. The total
15a2b2 + 9a3b + 20a2b2 - 1 ab(15ab + 9a2 + 20ab - 12b Expand and simplify 3a2b(5b + 3a) + 4ab2(5a - 3b) ab(35ab + 9a2 - 12b2)	$24 - 3 \times 5 = 9$ $8 \times 4 \div 2 = 16$	By rounding estimate the answer to the below: $\frac{7}{7.17} \times \frac{40}{30.41} = \frac{280}{4}$ 82.71 ÷ 19.4	A car costs £17,500 three years ago. The car depreciates at an average 7.5% per year. How much is the car worth now £13,850.43	True or False? $a^{8} \div a^{4} = a^{2}$ FALSE $a^{8-4} \cdot a^{4}$	18 19 5 pens and 3 pencils cost £1.50 6 pens and 5 pencils cost £2.15 How much does 1 pen cost and how much does 1 pencil cost? Pen = 15 p pencil = 25 p
The nth term of a sequence is given by 1-2 - 4-3 + 2. Explain why 21 is not a term in this sequence.	A bank is offering 2.4% simple interest or 2.3% compound interest. Which is the better rate if you invested £500 over 2 years? 2.4%	Interior angles in a 9 Isided polygon add up 3-180 4-300 5-540 6-320 3-1900 1-1900	Write each of the below to percentages: $\frac{3}{20} \frac{15}{100} = \frac{14}{20} \frac{28}{40} \frac{56}{40} \frac{30}{40}$	30: 75: 45 Ann, Bob and Cath share some money in the ratio 2:5:3 Cath gets £15 more than Ann how much did they share? £150	Rebecca uses the digits 5, 4, 7 and 2 to make 4-digit 1145
Write an expression fo the perimeter of a rectangle with width 3x + 4 and length 4y	7 Simple original	Calculate: $\frac{2}{7} \times \frac{7}{22} = \frac{1}{11}$	The exterior angles for an octagon adds up to 360°	REMEMBER: TH	E BEST WAY TO REVISE MATHS IS TO "DO MATHS"!