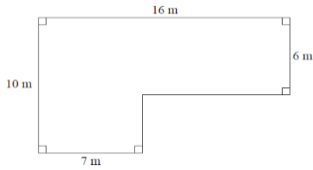
A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
MARCH 2016	1 Write 360 as a product of its prime factors.	2 Work out: $\frac{2}{7} \times \frac{1}{3}$	3 An adult train ticket costs £24. During March there is one third off the price. How much does an adult ticket cost?	4 Work out: $\frac{3}{5} - \frac{1}{3}$	5 50 people each did one activity at a sports centre. They either went swimming, played squash or went to the gym. 21 of the people were female. 6 of the 8 people who played squash were male. 18 of the people used the gym. 9 males went swimming. Work out the number of females who used the gym.	6
7 Draw an ordered stem & lead diagram of these numbers: 20 15 19 23 22 11 18 17 18 27 25 12	8 Design a questionnaire to find out how many books people buy.	9 Expand $2m(m + 3)$	10 Work out 2.34 x 37 without a calculator	11 What is the range of these numbers? 34 15 28 23 22 40 16 19 3 29	12 What is the area of this shape? 	13
14 A 4 pint bottle of milk costs £1.18 A 6 pint bottle of milk costs £1.74 Which bottle of milk is the best value for money?	15 Write 27.000 in standard form	16 An childrens train ticket costs £12. During March there is 60% off the price. How much does a childs ticket cost?	17 Simplify $a^7 \times a^4$	18 Expand $(x + 4)(x + 3)$	19 Buses to Acton leave a bus station every 24 minutes. Buses to Barton leave the same bus station every 20 minutes. A bus to Acton and a bus to Barton both leave the bus station at 9 00 am. When will a bus to Acton and a bus to Barton next leave the bus station at the same time?	20
21 Simplify $a^6 \div a^3$	22 Expand $2p^3(p - 2p^2)$	23 Work out 127 x 3.8 without a calculator	24 What is the median of these numbers? 13 21 19 27 31 5 23 29 18 25	25 Write 0.000506 in standard form	26 Use trial and improvement to solve this problem. $x^3 + x^2 = 100$ Give your answer to 1 decimal place.	27
28 Factorise $4x^3 - 12x^2$	29 Work out £4.97 x 12 without a calculator	30 Write 525 as a product of its prime factors.	31 Simplify $(a^7)^2$	**NEXT UP: APRIL ...** **REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!**		