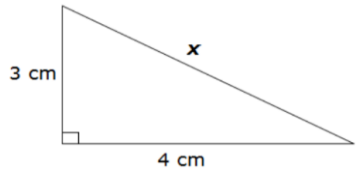
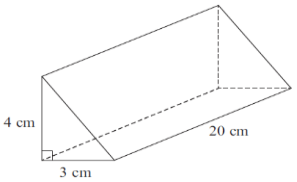
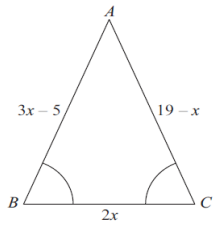
A LITTLE BIT OF MATHS EVERY DAY ...

APRIL 2016

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
				1 Work out: $\frac{2}{5} \times \frac{1}{3}$	2 Calculate x  	3
4 Share 200 in the ratio 3:2	5 Design a questionnaire to find out how much exercise people do .	6 Simplify $4y + 2x - 3 + 3x + 8$	7 Work out 70% of 120	8 Work out 137 x 29 without a calculator	9 What is the volume of the prism?  	10
11 Simplify $(2a^3)^3$	12 Write 3.87×10^{-4} as an ordinary number	13 Mel got 32 out of 80 on her maths exam. Write this as a percentage	14 Simplify $\frac{m^2 \times m^5}{m^3}$	15 Expand $(x + 2)(x - 3)$	16 Work out the perimeter of the triangle  	17
18 Work out 30% off £19	19 Work out a) 0.4 x 0.8 b) 0.3 x 0.2	20 Work out 148 x 11 without a calculator	21 What is the median of these numbers? 3 12 9 17 3 15 13 13 8 5	22 Write 3.45×10^4 as an ordinary number	23 At the end of 10 basketball games. their mean score for a team is 35 points per game. At the end of 11 games. their mean score has gone down to 33 points per game. How many points did the team score in the 11th game?	24
25 Factorise $4yx^3 - y^2x^2$	26 Calculate $9 \times 10^4 \times 3 \times 10^3$ Give your answer in standard form.	27 Write 1104 as a product of its prime factors.	28 Evaluate $3^3 + 5^2$	29 Simplify $(a^5)^{-2}$	30 Share 42 in the ratio 4:3	**REMEMBER: THE BEST WAY TO REVISE MATHS IS "TO DO" MATHS!**