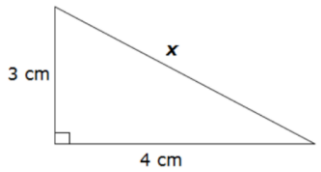
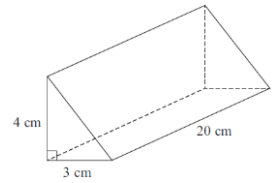
A LITTLE BIT OF MATHS EVERY DAY ... (CROSSOVER)

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
1 Work out: $\frac{2}{5} \times \frac{1}{3}$	2 Share 200 in the ratio 3:2	3 Work out (without a calculator) 125.2 x 49	4 Simplify $4y + 2x - 3 + 3x + 8$	5 Work out 70% of 120	6 I buy a "thing" in a sale that has been reduced by 15%. The sale price is £102. What was the original price?	7
8 Simplify $(2a^3)^3$	9 Write 3.87×10^{-4} as an ordinary number	10 Mel got 32 out of 80 on her maths exam. Write this as a percentage	11 Simplify $\frac{m^2 \times m^5}{m^3}$	12 Expand (x + 2)(x - 3)	13 Calculate x 	14
15 Work out 30% off £19	16 Work out a) 0.4 x 0.8 b) 0.3 x 0.2	17 Work out 148 x 11 without a calculator	18 What is the median of these numbers? 3 12 9 17 3 15 13 13 8 5	19 Write 3.45×10^4 as an ordinary number	20 A "thing" increases from £40 to £120. What is the percntage increase?	21
22 Factorise $4yx^3 - y^2x^2$	23 Calculate $9 \times 10^4 \times 3 \times 10^3$ Give your answer in standard form.	24 Write 1104 as a product of its prime factors.	25 Evaluate $3^3 + 5^2$	26 Simplify $(a^5)^{-2}$	27 What is the volume of the prism? 	28
29 What is the circumference of a circle with radius 5cm?	30 What is the midpoint between (2,7) and (10,13)?	31 What is $\frac{3}{25}$ of 50				

APRIL 2019

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