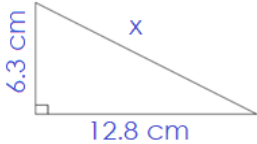
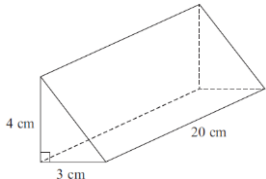


# APRIL ... A LITTLE BIT OF MATHS EVERY DAY

# JustMaths

1 Work out: $\frac{2}{5} \times \frac{1}{3}$	2 Share 200 in the ratio 3:2	3 Work out (without a calculator) $125.2 \times 49$	4 Simplify $4y + 2x - 3 + 3x + 8$	5 Work out 70% of 120	6 Simplify $(2a^3)^3$	7 Write $4.78 \times 10^{-3}$ as an ordinary number
8 I buy a "thing" in a sale that has been reduced by 15%. The sale price is £102. What was the original price?	9 Write $3.87 \times 10^{-4}$ as an ordinary number	10 Mel got 32 out of 80 on her maths exam. Write this as a percentage.	11 Simplify $\frac{8m^2 \times m^5}{4m^3}$	12 Expand $(x + 2)(x - 3)$	13 Calculate $9 \times 10^4 \times 3 \times 10^3$ Give your answer in standard form.	14 Write 1104 as a product of its prime factors.
15 Work out 30% <u>off</u> £19	16 Work out a) $0.4 \times 0.8$ b) $0.3 \times 0.2$	17 Work out $148 \times 11$ without a calculator	18 What is the median of these numbers? 3 12 9 19 3 14 13 13 8 5	19 Write $3.45 \times 10^4$ as an ordinary number	20 A "thing" increases from £40 to £120. What is the percentage increase?	21
22 Factorise $4yx^3 - y^2x^2$	23 Calculate x 	24	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	REMEMBER: The best way to revise maths is to "do Maths"!			