
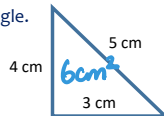


A LITTLE BIT OF MATHS EVERY DAY ...

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
MARCH '18 			1 What number is halfway between -4 and 11? 3.5	2 Convert the below fraction to a % $\frac{3}{8}$ 37.5%	3 How many numbers less than 100 can you list that are "one less than a square number"? 9 squares $\rightarrow 1, 4, 9, 16, 25, 36, 49, 64, 100$ 1 less than a square = 0, 3, 8, 15, 24, 35, 48, 63, 99	4
5 The hypotenuse of a right-angled triangle is 13 cm long. One of the other sides is 5 cm. How long is the third side? 12cm	6 I have 6 red pens, 4 blue pens and <u>3</u> green pens. What fraction of the pens are green? $\frac{3}{13}$	7 What is the value of: $(\sqrt{3})^2$ 3	8 Without a calculator work out $\pounds 2.37 \times 12$ $\pounds 28.44$	9 Without a calculator $\frac{3}{5} \times 420$ 252	10 The dimensions of a fish tank are 50 cm by 32 cm by 20 cm. 32000cm^3 The tank is three quarters full with water. How much water is in the tank? 24000cm^3	11
12 Whats the <u>smallest even</u> number that can be used with the following digits? 5 4 8 3 34	13 Simplify $2x^2 + 2x^2$ $4x^2$ $m \times m \times m + p + p$ $m^3 + 2p$	14 Estimate $\frac{10 \times 8}{8.6 \times \sqrt{64.99}}$ $\frac{80}{16} = 5$ $\frac{4.34 \times 4.1}{4 \times 4}$	15 True or False? 22 is a factor of 11 False, it's a multiple of 11	16 19 Given 2 gallons = 9 litres how many litres in 19 gallons? 85.5 litres	17 A sequence of numbers is given as 2 7 12 17 22 Find the n th term of the sequence. Explain how you know 876 is not in the sequence. doesn't end in 5 or a 7	18
19 Write 1111 in standard form 1.111×10^3	20 Write $\pounds 16 : 80p$: $\pounds 2.40$ in its simplest form $160p : 80p : 240p$ $20 : 10 : 30$	21 How many faces does a square based pyramid have? 5	22 Calculate: $\frac{3}{4} \div \frac{4}{5}$ $\frac{3}{4} \times \frac{5}{4} = \frac{15}{16}$	23 Calculate the area of the triangle. 	24 $\frac{3}{5}$ of a number is 45. 75 What is $\frac{1}{3}$ of the number? = 25	25
26 Write down the value of 32^0 ? = 1	27 Solve $5x - 2 > 6 + 3x$ $2x = 8$ $x = 4$	28 What is the value of n? $5^n \times 5^4 = 5^8$ $n = 4$	29 Al, Bob and Cath share some money in the ratio 1:3:5. If Bob received £75 how much did they share? £225	30 A circle with a diameter of 10cm is split into quarters. Calculate the area of one quarter? $A = \frac{1}{4} \pi r^2 = 19.63\text{cm}^2$ (2dp)	31 Write 32×10^6 in standard form 3.2×10^7	REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!