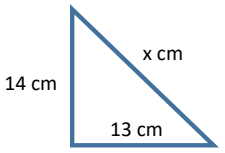
A LITTLE BIT OF MATHS EVERY DAY ...

APRIL 2018

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
						1 Share £360 in the ratio 1:3:5
2 The hypotenuse of a right-angled triangle is 13 cm long. One of the other sides is 5 cm. What is the area of the triangle?	3 Write this statement in words: $42.31 < 700$	4 What is 0.35 as a fraction?	5 Without a calculator work out £5.15 x 14	6 Without a calculator $\frac{2}{5} \times 240$	7 The area of a rectangle is 100 cm^2. The length of the rectangle is 4 times its width. Work out the width of this rectangle.	8
9 What is the product of 6 and 7?	10 Factorise: $2a^2b^3 + 8ab^2$ $a^2 + 6a + 8$	11 Estimate $\frac{0.501 \times \sqrt{26.32}}{12 \times 0.48}$	12 True or False? The first 5 prime numbers are 1, 2, 3, 5 and 7	13 Given 2 gallons = 9 litres how many gallons in 15 litres?	14 5% of a number is 31 1% of the same number is 6.2 Work out 13% of the number.	15
16 Write 0.27×10^4 in standard form	17 Write £16 : 80p: £2.40 in its simplest form	18 How many faces does a square based pyramid have?	19 Which is closer to 1? $\frac{2}{5}$ *or* $\frac{5}{2}$	20 Calculate x  	21 $\frac{2}{3}$ of a number is 30. What is $\frac{5}{9}$ of the number?	22
23 What do the sum of the interior angles of an octagon add up to?	24 Solve $6(x + 2) = 21$	25 What is the value of *n* ? $5^n \times 5^2 = 5^{-10}$	26 Can you name two shapes have two lines of symmetry?	27 What is 35 out of 40 as a percentages?	28 Work out the difference between the value of the digit 4 and the value of the digit 3 in the following number. 54 307	29
30 Solve $3 - 2(x - 9) = 5x$		**REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!**				

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