

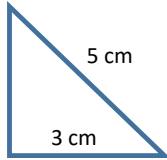



# A LITTLE BIT OF MATHS EVERY DAY ...

| MONDAY  | TUESDAY  | WEDNESDAY   | THURSDAY   | FRIDAY   | SATURDAY  | SUNDAY  |
|---|--|---|--|--|---|---|
| <h1>MARCH '18</h1>  |  |  | 1<br>What number is halfway between -4 and 11?   | 2<br>Convert the below fraction to a %<br>$\frac{3}{8}$  | 3<br>How many numbers less than 100 can you list that are "one less than a square number"?  |  |
| 5<br>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? | 6<br>I have 6 red pens, 4 blue pens and 3 green pens. What fraction of the pens are green? | 7<br>What is the value of:<br>$(\sqrt{3})^2$                                      | 8<br>Without a calculator work out<br>$£2.37 \times 12$  | 9<br>Without a calculator<br>$\frac{3}{5} \times 420$  | 10<br>The dimensions of a fish tank are 50 cm by 32 cm by 20 cm. The tank is three quarters full with water. How much water is in the tank?                   | 11  |
| 12<br>Whats the smallest even number that can be used with the following digits?<br><br>5 4 8 3                           | 13<br>Simplify<br>$2x^2 + 2x^2$<br><br>$m \times m \times m + p + p$                       | 14<br>Estimate<br>$\frac{8.6 \times \sqrt{64.99}}{4.34 \times 4.1}$               | 15<br>True or False?<br><br>22 is a factor of 11   | 16<br>Given<br>2 gallons = 9 litres<br>how many litres in 19 gallons?  | 17<br>A sequence of numbers is given as<br><b>2 7 12 17 22</b><br>Find the n th term of the sequence.<br><br>Explain how you know 876 is not in the sequence. | 18  |
| 19<br>Write 1111 in standard form   | 20<br>Write £16 : 80p: £2.40 in its simplest form  | 21<br>How many faces does a square based pyramid have?                            | 22<br>Calculate:<br>$\frac{3}{4} \div \frac{4}{5}$   | 23<br>Calculate the area of the triangle.<br> | 24<br>$\frac{3}{5}$ of a number is 45.<br><br>What is $\frac{1}{3}$ of the number?  | 25  |
| 26<br>Write down the value of $32^0$ ?  | 27<br>Solve<br>$5x - 2 > 6 + 3x$   | 28<br>What is the value of n?<br>$5^n \times 5^4 = 5^8$                           | 29<br>Al, Bob and Cath share some money in the ratio 1:3:5. If Bob received £75 how much did they share? | 30<br>A circle with a diameter of 10cm is split into quarters. Calculate the area of one quarter?                                  | 31<br>Write $32 \times 10^6$ in standard form<br>                        | <b>REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</b>                     |