

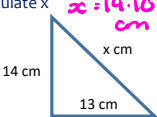



MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY	
<h1>APRIL 2018</h1>							<p>Share £360 in the ratio 1:3:5 £40 : £120 : £200</p> 
<p>2 The hypotenuse of a right-angled triangle is 13 cm long. One of the other sides is 5 cm. What is the area of the triangle?</p> <p>32.5 cm^2</p>	<p>3 Write this statement in words: 42.31 < 700</p> <p>FOURTY TWO POINT THREE ONE IS LESS THAN SEVEN HUNDRED</p>	<p>4 What is 0.35 as a fraction?</p> <p>$\frac{35}{100}$ or $\frac{7}{20}$</p>	<p>5 Without a calculator work out $£5.15 \times 14$</p> <p>$£72.10$</p>	<p>6 Without a calculator $\frac{2}{5} \times 240$</p> <p>96</p>	<p>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.</p> <p>$x = 5$ width = 5cm</p>	<p>8</p>	
<p>9 What is the product of 6 and 7?</p> <p>42</p>	<p>10 Factorise: $2a^2b^3 + 8ab^2$ $2ab^2(ab+4)$ $a^2 + 6a + 8$ $(a+2)(a+4)$</p>	<p>11 Estimate $\frac{0.501 \times \sqrt{26.32}}{12 \times 0.48}$</p> <p>$\frac{0.5 \times 5}{12 \div 0.5} = \frac{3}{12}$</p>	<p>12 True or False? FALSE ... The first 5 prime numbers are 1, 2, 3, 5 and 7 1 IS NOT A PRIME</p>	<p>13 $\frac{2}{9}$ gallon = 1 litre. Given 2 gallons = 9 litres how many gallons in 15 litres? $\frac{2}{9} \times 15 = 3 \frac{1}{3}$ gallons</p>	<p>14 5% of a number is 31 1% of the same number is 6.2 Work out 13% of the number.</p> <p>$10\% = 62$ $3\% = 18.6$ $13\% = 80.6$</p>	<p>15</p>	
<p>16 Write 0.27×10^4 in standard form</p> <p>2.7×10^5</p>	<p>17 Write £16 : 80p : £2.40 in its simplest form $16 : 0.8 : 2.4 \div 0.8$ $20 : 1 : 3$</p>	<p>18 How many faces does a square based pyramid have?</p> <p>5</p>	<p>19 Which is closer to 1? $\frac{4}{10}$ or $\frac{5}{2}$ or $\frac{25}{10}$ $\frac{4}{10} \rightarrow \frac{1}{10}$ $\frac{5}{2} \rightarrow \frac{15}{10}$ $\frac{25}{10} \rightarrow \frac{25}{10}$</p>	<p>20 Calculate x $x = 14.10 \text{ cm}$</p> 	<p>21 $\frac{2}{3}$ of a number is 30. What is $\frac{5}{9}$ of the number?</p> <p>45 25</p>	<p>22</p>	
<p>23 What do the sum of the interior angles of an octagon add up to?</p> <p>1080°</p>	<p>24 Solve $6(x+2) = 21$ $6x + 12 = 21$ $6x = 9$ $x = 1.5$</p>	<p>25 What is the value of n? $5^n \times 5^2 = 5^{-10}$ $n = -12$</p>	<p>26 Can you name two shapes have two lines of symmetry? Rectangle, Rhombus</p>	<p>27 What is 35 out of 40 as a percentages? $\frac{35}{40} \times 100 = 87.5\%$</p>	<p>28 Work out the difference between the value of the digit 4 and the value of the digit 3 in the following number. 54 397 $4000 - 300 = 3700$</p>	<p>29</p>	
<p>30 Solve $3 - 2(x - 9) = 5x$ $3 - 2x + 18 = 5x$ $21 = 7x$ $x = 3$</p>	 <p>REMEMBER: THE BEST WAY TO REVISE MATHS IS TO "DO MATHS"!</p>						