YEAR 11 HOMEWORK – 5S

Complete the questions in each box. Make sure that you show all of your workings

1. Change 10.23 m into centimetres.	2. 5 x 6 - 8 ÷2
3. Solve 5g + 2 = 37	4. Here are four numbers.
	-5 -3 3 5 Write one number in each box to make a correct calculation:
	+ = -8

6. I have £100 to spend. I buy n books at £9 each. Write a formula	
have left.	
9 Find the Area:	
5cm	
10. Write down all the factors of 18	

11. Simplify: 6x – 4y + x – 5y	12. Use the formula P = $b^2 - 4ac$ to work out <i>P</i> when a=2 <i>b</i> = 7 and <i>c</i> = 2	17. Reflect the triangle in the y axis	18. A pack of 77 cakes costs £8.26. In a different shop, a pack of 44 cakes costs £5.00. Which pack is better value?
13. Find angle p 45° 65° 20°	14. Find f if the perimeter is 35cm 3f $3f$ f	19. Use Pythagoras theorem to find the value of a x cm 4cm	20. The population of an island increases by 5 percent from 80. Calculate the new population
15. Complete this table of values for	16. Factorise:		
y = 5x - 1 $x -1 0 1 2 3$	x ² - 8x	WWW	
		EBI 1	
		EBI 2	