YEAR 10 HOMEWORK 3 T GROUPS

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



5. Simplify p x p	6. Simplify 16p ÷ 2
7. Write an expression for the	8. Expand the brackets and simplify:
perimeter and simplify your answer	
f	2(f + 2) + 3f
2t 2t f	
 9. Fill in the blank in the equation: + 8 = 2(2p + 4) 	10. Find the value of P when x = 2 and y = 3:
	$P = x^2 + y$

11. Find the prob purple ball being these are the pro other colours Blue 0.4 Red 0.1	oability of a pulled out if obabilities of the Green 0.4 Purple =	12. At who tra geogra 14 histo 8 geogra Comple this dat	12. At a meeting there are 50 teachers who travel by car or train only. 32 teach geography, the rest teach history. 14 history teachers travel by car 8 geography teachers travel by train. Complete the 2-way table to represent this data.HistoryGeographyTotalCarCar14				
L	<u> </u>	Train		8	50		
13. 70 people attempt to qualify for a golf tournament. Before the game, each player predicted whether they would qualify, and exactly half said they thought they would. Of those who thought they would qualify, 15 did qualify. A total of 38 people qualified. Complete the frequency tree The frequency tree the frequency tree tree the frequency tree tree the frequency tree tree the frequency tree tree tree tree tree tree tree tre		14. In a 10 gan she wo	14. In a card game Jayne wins 4 out of 10 games. Estimate how many games she would win out of 30.				
15. 50 people are food they like. 42	16. Co the nu	mplete t mber lin	he inequalit e	ty show	'n on		
Venn diagram to s	how this		≼ x < 3				
			-1			_	

17. Write the following numbers in ascending order.0.24, 0.1, 0.7	18. Round 301 to the nearest 100
19. Write <u>16</u> in its simplest form	20. Write the fractions in ascending order:
<u>32</u>	$\frac{1}{4} = \frac{5}{8} = \frac{1}{2}$

WWW	
EBI 1	
EBI 2	