Homework 11

Due in:

1. Evaluate 8^2	3.Round 27 to 1 s.f.
2. 46 x 26 (show working)	4. In a class of 36 pupils, if 12 come to school by bus, what angle would that be on a pie chart?

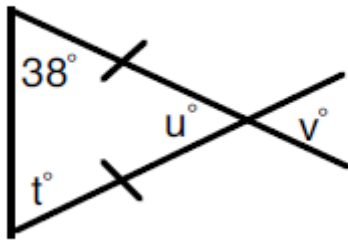|	
5. What is the nth term of this sequence? 1, 4, 7, 10, 13, . . .	8. If you reflect the point (1,7) in the x axis, what are its new coordinates?
6. Solve 4x - 4 = 3x - 1	9. What is 3 + 2 x 4?
7. Substitute a = 6 and b = 7 into $a^2 + 3b$	10. 216 ÷ 8 (show working)

11. t = u = v = (please show working)	14. If you rolled an ordinary die 24 times, how many 3's would you expect to get?
12. What is the interior angle of a regular nonagon?	15. What is 5% of 120?
13. A bag contains 4 red, 3 green and 5 blue counters, a counter is taken at random from the bag, what is the probability it is green?	16. What is $\frac{2}{9}$ x 63?

17. What are the coordinates of the y intercept of the graph y = 3x + 1	19. What is the width of a rectangle which has an area of 42 cm^2 and a length of 6 cm. (show working)
18. Divide £42 in the ratio 3:4	20. What is the mean of these numbers? 4, 5, 2, 2, 7

Total: