Homework 10

Due in:

1. Evaluate 2^5	3.Round 120 to 1 s.f.
2. 52 x 18 (show working)	4. In a class of 12 pupils, if 8 come to school by bus, what angle would that be on a pie chart?

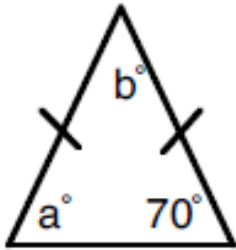|	
5.What is the nth term of this sequence? 2, 6, 10, 14, 18, . . .	8. If you reflect the point (2,5) in the y axis, what are its new coordinates?
6. Solve $2x + 10 = 3x - 1$	9. What is $15 - 3 \times 2 + 4$?
7. Substitute $a = 5$ and $b = -2$ into $a^2 + 3b$	10. $272 \div 16$ (show working)

11. a = b = (triangle diagram with angle b° at top, two equal sides marked, angle a° at bottom left, 70° at bottom right) (show working)	14. If you flipped an ordinary coin 24 times, how many heads would you expect to get?
12. What is the exterior angle of a regular hexagon?	15. What is 20% of 250?
13. A bag contains 6 red, 2 green and 7 blue counters, a counter is taken at random from the bag, what is the probability it is red?	16. What is $\frac{3}{8}$ x 32?

17. What are the coordinates of the y intercept of the graph y = 4x - 5	19. What is the width of a rectangle which has an area of 36 cm^2, and a length of 9 cm. (show working)
18. Divide £48 in the ratio 5:7	20. What is the mean of these numbers? 7, 9, 5, 12, 2

Total: