Homework 24

Due in:

1. 0.64 ÷ 0.008 (must show a WRITTEN method)	3. $5\frac{1}{5} - 2\frac{2}{4}$
2. Write the following as an ordinary number 1.26×10^8	4. $\frac{2}{5} \times \frac{5}{8} \times \frac{3}{4}$

5. Evaluate

$(8-3)^2 \times (2-5)^2$

8. If five numbers have a mean of 10, and four of the numbers are 8, 11 and 14, what is the fifth number?

6. Alice's calculator shows an answer which she rounds to 3.4cm.

Write the error interval for her calculator display could show.

9. Estimate the mean from this frequency table.

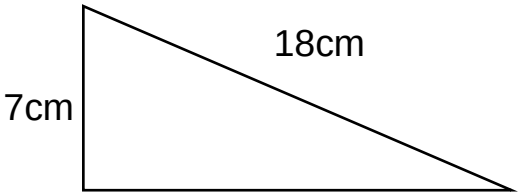
x	5 -	6 -	7 -	8 - 9
f	7	2	9	6

7. 18 pupils are asked for their favourite dessert and 4 say chocolate cake. What angle would this be on a pie chart?

10. List the integers which are true for;

$-12 < 2n + 3 < 7$

11. Solve 8(3x - 7) > 64	14. A dice is rolled twice. What is the probability of not getting a 4?
12. Make b the subject $a = \frac{7 + 5b}{2}$	15. The area of a circle is 68cm^2. What is the circumference of the circle?
13. Alice, Ben and Charlie share some money in the ratio 11:15:3. Ben receives £12 more than Alice, how much money does Charlie receive?	16. Write 25 as a percentage of 90.

17. Work out (without a calculator) $27 \times 15 - 5 \times 27$	19.Find the area of the right angled triangle. 
18. After an decrease of 10%, the shirt now cost £27, what was its original price?	20. Simplify; $\frac{10a^2b^2 \times b^5c^3}{5b^3c^7}$

Total: