Homework 23

Due in:

1. 3.5 x 2.8 (must show a WRITTEN method)	3. $4\frac{3}{8} + 2\frac{3}{7}$
2. Write the number below in standard form. 61340	4. $\frac{2}{9} \times \frac{3}{4}$

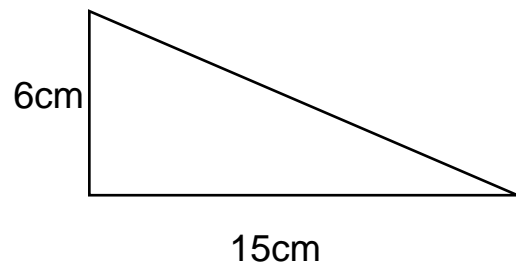|	
5. Evaluate $\sqrt{81}$ x 2+11-4	8. If 6 numbers have a mean of 5, and five of the numbers are 3, 2, 1, 7, and 6, what is the sixth number?
6. A chimney is 37.4m tall correct to 1dp. Write the error interval for the height of the chimney.	9. Estimate the mean from this frequency table. | x	0-	1-	2-	3 - 4
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f	8	7	4	2	
7. 20 pupils are asked for their favourite football team and 1 said Leeds United. What angle would this be on a pie chart?	10. List the integers which are true for; -7 ≤ 3n < 21

11. Solve 3(3x + 2) ≥ 26	14. A dice is rolled, and a coin is flipped. What is the probability of rolling a 5 and getting tails?
12. Make b the subject $$a = \frac{7b - 3}{4}$$	15. A semicircle has a radius of 10cm. What is its area?
13. Alice and Ben share some money in the ratio 2:7. Ben receives £35 more than Alice, how much money is shared between them?	16. Write 25 as a percentage of 90.

17. The circumference of a circle is 1m. Find its area to the nearest cm^2.	19. Find the perimeter of the right-angled triangle. 6cm 15cm
18. After an increase of 10%, the boots now cost £132, what was their original price?	20. Simplify; $$\frac{24ab^5}{4b^2}$$

Total: