

Homework 19

Due in:

1. 3.5×2.8 (must show a WRITTEN method)	3. $4\frac{3}{8} + 2\frac{3}{7}$
2. Write the number below in standard form. 61340	4. $\frac{2}{9} \times \frac{3}{4} \times 36$

5. Evaluate

$$\sqrt{81} \times 2 + 11 - 4$$

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. Calculate

$$27 \times 14 + 6 \times 27$$

9. Estimate the mean from this frequency table.

x	0-	1-	2-	3 - 4
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. Factorise;

$$x^2 - 4x + 3$$

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?

	1	2	3	4	5	6
H						
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12. Make b the subject

$$a = \frac{7b - 3}{4}$$

15. A semicircle has a radius of 10cm. What is its area?

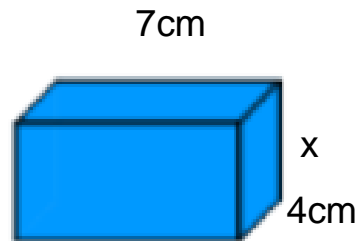
13. Alice and Ben share some money in the ratio 2:7. Ben receives £35 more than Alice, how much money is shared between them?

16. Write 47 as a percentage of 58.

17. A sector of a circle has an angle of 36° . What is its perimeter?

19. The surface area of the cuboid below is 122cm^2 .

Find the volume.



18. After an increase of 10%, the boots now cost £132, what was their original price?

20. Simplify;

$$24ab^5 \div 4b^2$$

Total:

