

Homework 24

Due in:

<p>1. $0.64 \div 0.008$ (must show a WRITTEN method)</p>	<p>3. $\frac{6}{7} - \frac{5}{12}$</p>
<p>2. Write the following as an ordinary number</p> <p style="text-align: center;">1.26×10^8</p>	<p>4. $\frac{5}{9} \times \frac{2}{5} \times 90$</p>

5. $\frac{9}{11} \div \frac{3}{5}$

8. If five numbers have a mean of 12, and four of the numbers are 2, 19, 30 and 17, what is the fifth number?

6. $-21 \div -3$

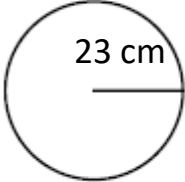
9. Calculate the mean from this frequency table.

x	0	1	2	3
f	4	0	8	3

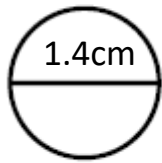
7. 120 pupils are asked for their favourite food and 15 said lasagne. What angle would this be on a pie chart?

10. List the integers which are true for;

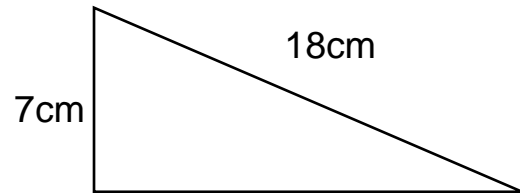
$$-12 < 2n + 3 < 7$$

<p>11. Solve $6(10 - 2x) = -24$</p>	<p>14. What is the probability of rolling a factor of 6 on a fair 8 sided dice?</p>
<p>12. Make b the subject</p> $a = \frac{4 - 3b}{6}$	<p>15. What is the area of this circle?</p>  <p>The diagram shows a circle with a horizontal radius line drawn from the center to the right edge. The label "23 cm" is placed above the radius line.</p>
<p>13. Alice's calculator shows an answer which she rounds to 3.4cm.</p> <p>Write the error interval for her calculator display could show.</p>	<p>16. Write 25 as a percentage of 90.</p>

17. What is the circumference of this circle?



19. Find the area of the right angled triangle.



18. After an increase of 10%, the boots now cost £55, what was their original price?

20. Work out (without a calculator)

$$27 \times 15 - 5 \times 27$$

Total:

