

Homework 8C

Due in:

1. $406 \div 14$ (must show working)

3. $\frac{7}{9} - \frac{2}{5}$

2. 172×21

4. $\frac{2}{9} \times \frac{3}{4}$

5. $\frac{4}{7} \div \frac{2}{7}$

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?

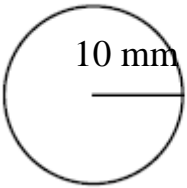
6. -9×-3

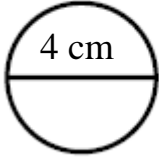
9. Calculate the mean from this frequency table.

x	0	1	2	3
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. solve $3x - 1 = 17$

11. Solve $3(3x + 2) = 24$	14. What is the probability of rolling an even number on a fair 6 sided dice?
12. Make b the subject $a = 7b - 3$	15. What is the area of this circle?  <p>A diagram of a circle with a center point. A horizontal line segment extends from the center to the right edge of the circle, representing the radius. The label '10 mm' is placed above this line segment.</p>
13. Convert 1 gallon to litres	16. Write 10 as a percentage of 25.

<p>17. What is the circumference of this circle?</p> 	<p>19. 7×0.6 (show working)</p>
<p>18. Increase £75 by 15%</p>	<p>20. Divide 25 in the ratio 3:2?</p>

Total:

