

Homework 12

Due in:

1. Evaluate 4^3	3.Round 1350 to 1 s.f.
2. 43×65 (show working)	4. In a class of 20 pupils, if 5 pupils favourite subject in maths, what <u>angle</u> would that be on a pie chart?

5. What is the nth term of this sequence?
6, 11, 16, 21, 26, . . .

8. If you translate the point (1,7) by $\begin{pmatrix} 3 \\ -2 \end{pmatrix}$, what are its new coordinates?

6. Solve $5x + 2 = 7x - 4$

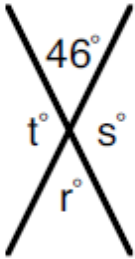
9. What is $9 + 6 \div 3$?

7. Substitute $a = 4$ and $b = -2$ into

$$a^2 + 3b$$

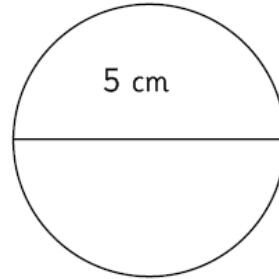
10. $234 \div 9$ (show working)

11. $r =$
 $s =$
 $t =$



(show working)

14. What is the circumference of this circle? (show working)



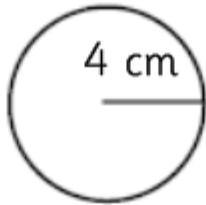
12. What is the interior angle of a regular decagon?

15. What is 35% of 180?

13. A bag contains 5 red, 6 green and 7 blue counters, a counter is taken at random from the bag, what is the probability it is red?

16. What is $\frac{3}{7} \times 35$?

17. What is the area of this circle? (show working)



19. What is the width of a rectangle which has an area of 28 cm^2 , and a length of 7 cm. (show working)

18. Divide £35 in the ratio 2:5

20. What is the mean of these numbers?
6, 7, 8, 1, 3

Total:

