

# Homework 17

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Due in:

1. What is $\sqrt{36}$ ?	3.Round 0.876 to 1 d.p.
2. Showing a complete written method calculate $7 \times 23$	4. In a class of 18 pupils, if 7 pupils favourite subject in maths, what <u>angle</u> would that be on a pie chart?

5. What is the next three terms of this sequence?  
4, 11, 18, 25, . . .

8. If you reflect the point (4,1) in the y axis, what are its new coordinates (hint: draw a diagram).

6. Solve  $6x + 12 = 42$   
(show working)

9. What is  $18 - 4 \times 4$ ?

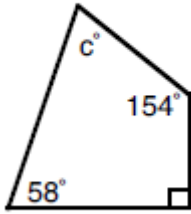
7. Substitute  $a = 4$  and  $b = 15$  into

$$3a + 4b$$

10. Showing a complete written method calculate

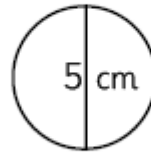
$$154 \div 7$$

11.  $c =$



(show working)

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



12. What is the range and mode of this set of numbers?  
4, 5, 12, 6, 5, 4, 5

Mode =

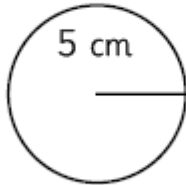
Range =

15. What is 30% of 90?

13. A bag contains 4 red, 4 green and 7 blue counters, a counter is taken at random from the bag, what is the probability it is red or green?

16. What is  $\frac{1}{7}$  of 49?

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



19. What is the length of a square which has an area of  $36 \text{ cm}^2$ ? (show working)

18. Divide £24 in the ratio 5:3 (show working)

20. What is the mean of these numbers?  
8, 9, 3, 4, 6

Total:

