

# Homework 18

---

Due in:

1. What is $\sqrt{64}$ ?	3.Round 30.876 to 1 d.p.
2. Showing a complete written method calculate $45 \times 9$	4. In a class of 10 pupils, if 2 pupils favourite subject in maths, what <u>angle</u> would that be on a pie chart?

5. What are the next 4 terms of this sequence?  
20, 18, 16, 14, . . .

8. If you reflect the point (3,7) in the x axis, what are its new coordinates (hint: draw a diagram).

6. Solve  $2x + 11 = 15$   
(show working)

9. What is  $20 + 6 \times 2$ ?

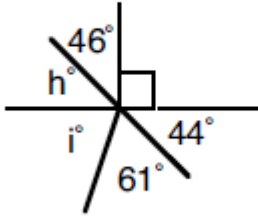
7. Substitute  $a = 3$  and  $b = 20$  into

$$6a + 5b$$

10. Showing a complete written method calculate

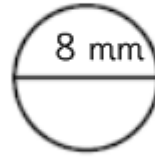
$$154 \div 7$$

11.  $h =$   
 $i =$



(show working)

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



12. What is the range and mode of this set of numbers?  
15, 18, 12, 13, 12

Mode =

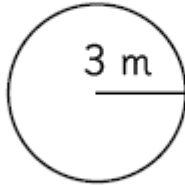
Range =

15. What is 20% of £130?

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

16. What is  $\frac{4}{5}$  of 40?

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



19. What is the side length of a square which has an area of  $25 \text{ cm}^2$ ? (show working)

18. Divide £42 in the ratio 4:3 (show working)

20. What is the median of these numbers?  
18, 12, 5, 14, 6

Total:

