

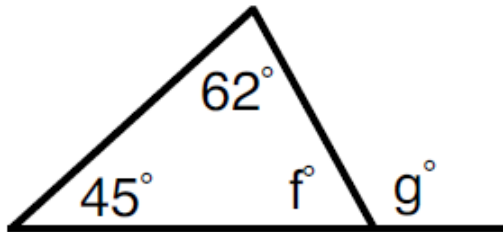
Homework 9

Due in:

1. Evaluate 5^3	3.Round 37.3 to 1 s.f.
2. 47×34 (show working)	4. In a class of 30 pupils, if 8 come to school by bus, what angle would that be on a pie chart?

<p>5. What is the nth term of this sequence? 4, 7, 10, 13, 16, . . .</p>	<p>8. If you reflect the point (3,4) in the x axis, what are its new coordinates?</p>
<p>6. Solve $4x + 6 = 5x - 3$</p>	<p>9. What is $6 + 4 \div 2 + 3$?</p>
<p>7. Substitute $a = 3$ and $b = 6$ into</p> $a^2 + 3b$	<p>10. $228 \div 12$ (show working)</p>

11. $f =$
 $g =$



(show working)

14. If you rolled a 6 faced die 18 times, how many 6's would you expect to get?

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

15. What is 15% of 120?

13. A bag contains 2 red, 3 green and 5 blue counters, a counter is taken at random from the bag, what is the probability it is red?

16. What is $\frac{2}{9} \times 45$?

<p>17. What are the coordinates of the y intercept of the graph $y = 6x + 2$</p>	<p>19. What is the width of a rectangle which has an area of 30 cm^2, and a length of 2 cm. (show working)</p>
<p>18. Divide £54 in the ratio 2:1</p>	<p>20. What is the mean of these numbers? 4, 6, 10, 7, 13</p>

Total:

