

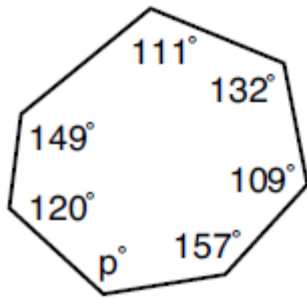
Homework 11

Due in:

1. Evaluate 4^3	3. Estimate the answer to $\frac{27.91+7.87}{0.46 \times 1.75}$
2. $\frac{5}{7} \times \frac{2}{5}$ (show working)	4. What is the inverse function for $x \rightarrow 4x + 7$

<p>5. What is the nth term of this sequence? 2, 5, 10, 17, 26. . .</p>	<p>8. If you reflect the point (1,7) in the x axis, what are its new coordinates?</p>
<p>6. Solve $4x - 4 = 3x - 1$</p>	<p>9. Showing a complete written method calculate, $348 \div 4$</p>
<p>7. Substitute $a = -4$ and $b = -3$ into</p> $2a^2 + 3b$	<p>10. If a triangle has a base of 9cm, and a height of 12 cm, what is its area?(show working)</p>

11.
 $p =$



(show working)

14. If you rolled a 8 faced die, numbered 1 to 8, 36 times, how many even numbers would you expect to get?

12. What is the exterior angle of a regular nonagon?

15. Increase 40 by 15%

13. A bag contains 6 red, 6 green and 2 blue counters, a counter is taken at random from the bag, what is the probability it is not red?

16. What is $\frac{3}{5}$ of $\frac{5}{7}$ of 35?

<p>17. What are the gradient and the coordinates of the y intercept of the graph $y = 3x + 1$</p>	<p>19. What is the height of a triangle which has an area of 36 cm^2, and a base of 9 cm. (show working)</p>
<p>18. Divide £42 in the ratio 3:4</p>	<p>20. The mean of 4 numbers is 10. Here are 3 of the numbers, what is the 4th number? 12, 6, and 11.</p>

Total:

