

## Homework 9

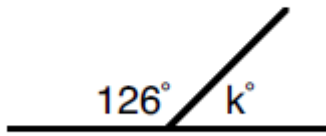
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Due in:

1. Evaluate $5^2$	3.Round 37.36 to 1 decimal place.
2. Showing a complete written method calculate, $8 \times 47$	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 are the next three terms 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 <math>4x + 6 = 30</math></p>	<p>9. What is <math>6 + 4 \times 3</math>?</p>
<p>7. Substitute <math>a = 3</math> and <math>b = 6</math> into <math>2a + 3b</math></p>	<p>10. Area of a triangle is given by <math>\frac{1}{2} \times \text{base} \times \text{height}</math>. If a triangle has a base of 4cm, and a height of 8 cm, what is its area?</p>

11. What is angle k?



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

12. What is the angle sum of a quadrilateral?

15. What is 10% 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  $\frac{2}{5}$  of 45?

17. Name three points on the line  $y = 2x + 3$

19. What is the area of a rectangle which has an width of 3 cm, and a length of 6 cm.

18. What is the value of the 2 in 45.23

20. What is the median of these numbers?  
4, 6, 10, 7, 13

Total:

