

Name: \_\_\_\_\_

November 29	5-a-day	Higher
<p>n is an integer. From the expressions</p> $4n \quad 6n-1 \quad 2n^2 \quad n^2+1$ <p>Which expression(s) will always give an even number?</p>	<p>Which expression(s) will always give an odd number?</p> <p>Which expression(s) could give an even or odd number?</p>	
<p>Simplify</p> $\frac{4^5 \times 4^6}{4^3}$		
<p>C is directly proportional to <math>W^3</math></p> <p>When <math>C = 9000</math>, <math>W = 10</math>.</p> <p>Find C when <math>W = 5</math>.</p>		
<p>Solve the simultaneous equations.</p> $4y^2 - x^2 = 7$ $x + y = 5$		