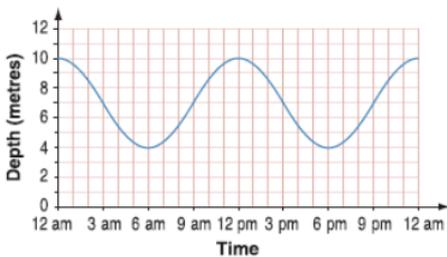
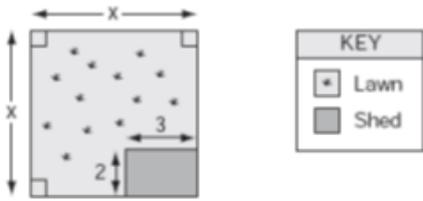


<p>1. Large Numbers</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th colspan="5">Internet use in Australia</th> </tr> <tr> <th>Year</th> <th>2003</th> <th>2004</th> <th>2005</th> <th>2006</th> </tr> </thead> <tbody> <tr> <td>Number of people (millions)</td> <td>12.21</td> <td>13.27</td> <td>13.60</td> <td>14.28</td> </tr> </tbody> </table> <p>Between 2003 and 2006, internet usage in Australia increased by about</p> <ul style="list-style-type: none"> <input type="radio"/> 0.5 million people. <input type="radio"/> 1 million people. <input type="radio"/> 2 million people. <input type="radio"/> 2.5 million people. 	Internet use in Australia					Year	2003	2004	2005	2006	Number of people (millions)	12.21	13.27	13.60	14.28	<p>2. Integers</p> <p>As Mike skydives, the air temperature increases by the same amount every 100m. At a height of 5000 metres the air temperature is -18°C. At ground level the temperature is 22°C. What is the temperature at a height of 2000 metres?</p>
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Year	2003	2004	2005	2006												
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<p>3. Probability</p> <p>A signal at a pedestrian crossing near Sam's house stays red for 30 seconds. It then changes to green for 20 seconds.</p> <p>What is the probability it will be green the next time Sam wants to use the crossing?</p>	<p>4. Reading Graphs</p> <p>The graph shows the depth of sea water at different times of the day.</p>  <p>The depth at 10 pm is the same as the depth as which other times?</p>	<p>5. Logical Reasoning</p> <p>A number of students were asked this question</p> <p>“How many cousins do you have?”</p> <p>The smallest answer was 6. The highest answer was 20. The total of all answers was 50.</p> <p>What is the smallest number of students who could have been asked this question?</p>														
<p>6. Circumference</p> <p>The diameter of a circular table top is 2.6 metres. What is the circumference of the table top?</p>	<p>7. Algebraic expression</p> <p>Sue drew up a plan for her garden</p>  <p>The area of lawn in square meters is?</p> <p>A. $x^2 - 6$ B. $x^2 + 6$ C. $2x^2 - 3$ D. $2x^2 - 6$</p>	<p>8. Time</p> <p>What is the difference in time from 3.18 pm to 12.03 am the next day?</p>														
<p>9. Substitution</p> <p>If $w = 3$, then $\frac{4w}{2w-2}$ is equal to?</p>	<p>10. Expanding brackets</p> <p>a) $5m(2m + 1)$</p> <p>b) $5x - 2(x - 3) =$</p>	<p>11. Angle Properties</p> <p>Two trapeziums fit together to form a regular hexagon. What is the value of a?</p> 