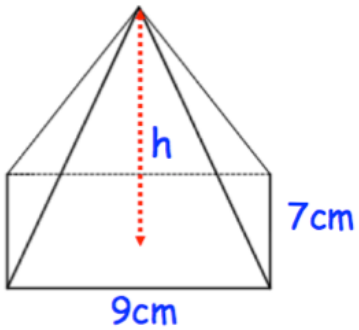
Name: _____

<table>
<tr><th>December 8</th><th>5-a-day</th><th>Higher</th></tr>
<tr><td colspan="2">Expand $4y^2 (5y^2 - 2a)$</td><td></td></tr>
<tr><td colspan="2">Solve $x^2 + 3x - 4 = 0$</td><td></td></tr>
<tr><td colspan="2"><table>
<tr><th>Height (h metres)</th><th>Frequency</th></tr>
<tr><td>$1.50 \leqslant h < 1.55$</td><td>6</td></tr>
<tr><td>$1.55 \leqslant h < 1.60$</td><td>10</td></tr>
<tr><td>$1.60 \leqslant h < 1.65$</td><td>24</td></tr>
<tr><td>$1.65 \leqslant h < 1.75$</td><td>17</td></tr>
<tr><td>$1.75 \leqslant h < 1.85$</td><td>3</td></tr>
</table></td><td>Calculate an estimate of the mean height.</td></tr>
<tr><td colspan="2">Solve the simultaneous equations

$y + 1 = 2x$
$y = x + 2$</td><td></td></tr>
<tr><td colspan="2"> 
</td><td>The volume of the pyramid is 126cm³
Find the height.</td></tr>
</table>