
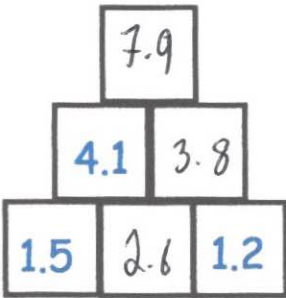


<p><b>18th May</b></p>		 Corbettmaths
<p>The number in each block is found by adding the two blocks directly beneath it.</p> <p>Find the missing numbers.</p>		
<p>Expand</p> $5(x + 3)$ <p style="text-align: center;"><math>5x + 15</math></p>	<p>Expand</p> $y(y - 4)$ <p style="text-align: center;"><math>y^2 - 4y</math></p>	
<p>Here are the first five terms of a number sequence.</p> <p style="text-align: center;">3    8    13    18    23    <u>28</u></p> <p>Here are the first four terms of another number sequence.</p> <p style="text-align: center;">-2    4    10    16    22    <u>28</u></p>	<p>Find two numbers that are in both number sequences.</p> <p style="text-align: center;">28    &amp;    58</p> <p style="text-align: center;">34    40    46    52    <u>58</u></p>	
<p>Sarah makes cupcakes. She makes 20 cupcakes per hour.</p> <p>She makes cupcakes for <math>3\frac{1}{4}</math> hours each day, for 5 days of the week.</p> <p>The cupcakes are packed into boxes that hold 6 cupcakes.</p> <p>How many <sup>boxes</sup> <del>cupcakes</del> are needed to hold all the <del>cupcakes</del> <sup>boxes</sup> Sarah has made in 5 days?</p>	<p style="text-align: center;"><math>3.25 \times 20 = 65</math> cupcakes a day</p> <p style="text-align: center;"><math>65 \times 5 = </math><del>100</del><math> 325</math> a week</p> <p style="text-align: center;"><math>325 \div 6 = 54.16</math></p> <p style="text-align: center;">55 boxes</p>	