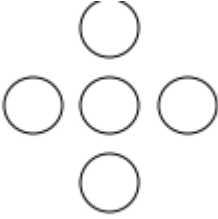


**Learning Grid: Blue**

<p>In foundation we celebrate 100 days of school. In what year would you celebrate 1000 days of school? What month would it be in?</p> <p>Some information to consider is: How many days are there in a school year? How many school days are in a month?</p>	<p>There are roughly 1500 steps in a km. Go outside and time how long it takes you to walk 150 steps and multiply this number by 10. (Example is it took me one minute to walk 150 steps it would take me 10 minutes to walk a km).</p> <p>Knowing how long it takes you to walk 1 km use google maps and figure out how long it will take you to walk to school.</p> <p>How long will it take you to walk to the MCG?</p> <p>How long would it take you to walk to Sydney?</p>	 <p>Place the numbers 1,2,3,4,5 into the circles so that the sums across and vertically are the same. Explain your reasoning</p>																															
<p>Ali Reza's hardware store has a number of bicycles and tricycles for sale. They counted a total of 60 wheels. How many bicycles and tricycles may they have?</p>	<p>Sidra has a total of 75 cents. What is the least number of coins that she could have? What is the greatest number of coins she could have?</p>	<p>The product of two whole numbers is 96 and the sum is less than 30. What are the possibilities for the 2 numbers?</p>																															
<p><math>2 + 8 = 10</math>    <math>5 + 3 = 8</math>    <math>2 + 5 = 7</math>    <math>8 + 3 = 11</math>.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="border: 1px solid black; padding: 5px;">2</td> <td style="padding: 0 10px;">10</td> <td style="border: 1px solid black; padding: 5px;">8</td> </tr> <tr> <td style="padding: 0 10px;">7</td> <td></td> <td style="padding: 0 10px;">11</td> </tr> <tr> <td style="border: 1px solid black; padding: 5px;">5</td> <td style="padding: 0 10px;">8</td> <td style="border: 1px solid black; padding: 5px;">3</td> </tr> </table> <p>Based on the above pattern continue the pattern below.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center; width: 50%;">(a)</td> <td style="width: 50%;"></td> </tr> <tr> <td style="text-align: center;"> <table style="margin: 0 auto;"> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">15</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> <tr> <td style="padding: 0 10px;">11</td> <td></td> <td style="padding: 0 10px;">20</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">16</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> </table> </td> <td style="text-align: center;"> <table style="margin: 0 auto;"> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">12</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> <tr> <td style="padding: 0 10px;">10</td> <td></td> <td style="padding: 0 10px;">21</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">19</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> </table> </td> </tr> </table>		2	10	8	7		11	5	8	3	(a)		<table style="margin: 0 auto;"> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">15</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> <tr> <td style="padding: 0 10px;">11</td> <td></td> <td style="padding: 0 10px;">20</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">16</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> </table>		15		11		20		16		<table style="margin: 0 auto;"> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">12</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> <tr> <td style="padding: 0 10px;">10</td> <td></td> <td style="padding: 0 10px;">21</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">19</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> </table>		12		10		21		19		<p>Create a pattern involving movement, an example could be: clap, jump, spin, kick, clap, jump, spin, kick, clap, jump, spin, kick. Once you have created a pattern that repeats at least 3 times try and see if a family member can guess what the pattern is from watching you.</p>
2	10	8																															
7		11																															
5	8	3																															
(a)																																	
<table style="margin: 0 auto;"> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">15</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> <tr> <td style="padding: 0 10px;">11</td> <td></td> <td style="padding: 0 10px;">20</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">16</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> </table>		15		11		20		16		<table style="margin: 0 auto;"> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">12</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> <tr> <td style="padding: 0 10px;">10</td> <td></td> <td style="padding: 0 10px;">21</td> </tr> <tr> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> <td style="padding: 0 10px;">19</td> <td style="border: 1px solid black; width: 30px; height: 30px; display: inline-block;"></td> </tr> </table>		12		10		21		19															
	15																																
11		20																															
	16																																
	12																																
10		21																															
	19																																

Here is the start of a 100 chart.

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30

Shown below are parts of the chart. Without extending the chart, determine which numbers should go in the shaded squares.

