

## Year 2 Number Knowledge – Summer 1

Each week, we would like you to choose one of the following activities to complete at home to help your child with their understanding of number.

<p>What are the hidden parts?</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <math>14</math>  <math>\begin{matrix} \circlearrowleft 8 &amp; \bullet \end{matrix}</math> </div> <div style="text-align: center;"> <math>16</math>  <math>\begin{matrix} \bullet &amp; \circlearrowleft 7 \end{matrix}</math> </div> <div style="text-align: center;"> <math>18</math>  <math>\begin{matrix} \bullet &amp; \circlearrowleft 9 \end{matrix}</math> </div> </div> <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;"> <div style="text-align: center;"> <math>15</math>  <math>\begin{matrix} \bullet &amp; \circlearrowleft 8 \end{matrix}</math> </div> <div style="text-align: center;"> <math>17</math>  <math>\begin{matrix} \circlearrowleft 9 &amp; \bullet \end{matrix}</math> </div> <div style="text-align: center;"> <math>13</math>  <math>\begin{matrix} \circlearrowleft 7 &amp; \bullet \end{matrix}</math> </div> </div> <p style="text-align: center; margin-top: 10px;"><b>EXAMPLE: <math>12 - 8 =</math></b>  <b>I know that 10 minus 8 equals 2; 2 add 2 equals 4.</b></p>	<p style="text-align: center;"><b>Number bonds to 20</b></p> <p style="text-align: center;">_____ needs _____ to make 10;          10 needs 10 to make 20;          so, _____ needs _____ to make 20</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <math>5 + \square = 20</math>  <math>4 + \square = 20</math>  <math>3 + \square = 20</math>  <math>2 + \square = 20</math>  <math>1 + \square = 20</math> </div> <div style="width: 45%;"> <math>15 + \square = 20</math>  <math>16 + \square = 20</math>  <math>17 + \square = 20</math>  <math>18 + \square = 20</math>  <math>19 + \square = 20</math> </div> </div> <p style="text-align: center; margin-top: 10px;"><b>EXAMPLE: <math>5 + \underline{\quad} = 20</math></b>  <b>5 needs 5 to make 10; 10 needs 10 to make 20;</b>  <b>so, 5 needs 15 to make 20</b></p>															
<p style="text-align: center;"><b>Number bonds to 20</b></p> <p style="text-align: center;">Colour the calculations green if they are correct and red if they are incorrect.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tbody> <tr> <td><math>4 + 17 = 20</math></td> <td><math>15 + 5 = 20</math></td> <td><math>18 + 2 = 20</math></td> </tr> <tr> <td><math>13 + 7 = 20</math></td> <td><math>19 + 1 = 20</math></td> <td><math>11 + 6 = 20</math></td> </tr> <tr> <td><math>5 + 16 = 20</math></td> <td><math>7 + 15 = 20</math></td> <td><math>6 + 14 = 20</math></td> </tr> <tr> <td><math>7 + 13 = 20</math></td> <td><math>3 + 15 = 20</math></td> <td><math>11 + 9 = 20</math></td> </tr> <tr> <td><math>1 + 17 = 20</math></td> <td><math>6 + 14 = 20</math></td> <td><math>2 + 18 = 20</math></td> </tr> </tbody> </table>	$4 + 17 = 20$	$15 + 5 = 20$	$18 + 2 = 20$	$13 + 7 = 20$	$19 + 1 = 20$	$11 + 6 = 20$	$5 + 16 = 20$	$7 + 15 = 20$	$6 + 14 = 20$	$7 + 13 = 20$	$3 + 15 = 20$	$11 + 9 = 20$	$1 + 17 = 20$	$6 + 14 = 20$	$2 + 18 = 20$	<p style="text-align: center;"><b>Number bonds to 20</b></p> <p style="text-align: center;">Choose a number to make each statement correct:</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <math>3 + \square &lt; 20</math>  <math>3 + \square = 20</math>  <math>3 + \square &gt; 20</math>  <math>4 + \square &lt; 20</math>  <math>4 + \square = 20</math>  <math>4 + \square &gt; 20</math> </div> <div style="width: 45%;"> <math>6 + \square &lt; 20</math>  <math>6 + \square = 20</math>  <math>6 + \square &gt; 20</math>  <math>7 + \square &lt; 20</math>  <math>7 + \square = 20</math>  <math>7 + \square &gt; 20</math> </div> </div>
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<p style="text-align: center;"><b>Mental Calculations</b></p> <p style="text-align: center;">Are the following statements true or false?</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <math>3 + 5 = 5 + 3</math>  <math>3 + 5 = 3 + 6</math>  <math>3 + 5 = 4 + 4</math>  <math>3 + 5 = 4 + 5</math> </div> <div style="width: 45%;"> <math>8 + 5 = 9 + 5</math>  <math>8 + 5 = 5 + 8</math>  <math>8 + 5 = 9 + 6</math>  <math>8 + 5 = 7 + 6</math> </div> </div>	<p style="text-align: center;"><b>Mental Calculations</b></p> <p style="text-align: center;">Use your knowledge of doubles to help you solve these near double calculations.</p> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;"> <math>6 + 7 = \square</math>  <math>7 + 6 = \square</math>  <math>5 + 6 = \square</math>  <math>6 + 5 = \square</math> </div> <div style="width: 45%;"> <math>8 + 9 = \square</math>  <math>9 + 8 = \square</math>  <math>8 + 7 = \square</math>  <math>7 + 8 = \square</math> </div> </div>															