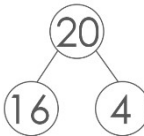
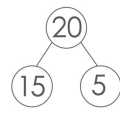
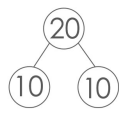
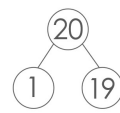
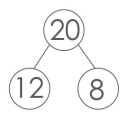


## Year 2 Number Knowledge – Summer 2

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 style="text-align: center;"><b>Counting in multiples of 2, 5 and 10</b></p> <p>Encourage your child to count forwards and backward in steps of 2, 5 and 10. You could do this whilst jumping to the right (getting bigger) or to the left (getting smaller).</p> <p><b>SUPPORT:</b> use a number line (a tape measure is a good place to find this) or a hundred square to help.</p> <p><b>CHALLENGE:</b> Can they use this knowledge to help them with their 2, 5 and 10 times table? Quiz them on their times tables.</p>	<p style="text-align: center;"><b>Making connections</b></p> <p style="text-align: center;">Stem sentence:</p> <p style="text-align: center;">___ ones plus ___ ones is equal to ___ ones; So, ___ tens plus ___ tens is equal to ___ tens.</p> <p style="text-align: center; color: red;">E.g. <math>5 + 9 = 14</math> 5 ones plus 9 ones is equal to 14 ones; <math>50 + 90 = 140</math> So, 5 tens plus 9 tens is equal to 14 tens.</p> <table style="width: 100%; border: none;"> <tr> <td style="padding: 5px;"><math>50 + 30 = \square</math></td> <td style="padding: 5px;"><math>40 + 50 = \square</math></td> </tr> <tr> <td style="padding: 5px;"><math>30 + \square = 50</math></td> <td style="padding: 5px;"><math>60 + \square = 90</math></td> </tr> <tr> <td style="padding: 5px;"><math>\square + 20 = 80</math></td> <td style="padding: 5px;"><math>10 + 90 = \square</math></td> </tr> <tr> <td style="padding: 5px;"><math>30 + 30 = \square</math></td> <td style="padding: 5px;"><math>\square + 40 = 70</math></td> </tr> </table>	$50 + 30 = \square$	$40 + 50 = \square$	$30 + \square = 50$	$60 + \square = 90$	$\square + 20 = 80$	$10 + 90 = \square$	$30 + 30 = \square$	$\square + 40 = 70$				
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$30 + 30 = \square$	$\square + 40 = 70$												
<p style="text-align: center;"><b>Making connections</b></p> <p style="text-align: center;">Choose the correct number card to complete the calculation</p> <div style="display: flex; justify-content: center; gap: 10px; margin-bottom: 10px;"> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; background-color: #e0f2f1;">10</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; background-color: #e0f2f1;">20</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; background-color: #e0f2f1;">30</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; background-color: #e0f2f1;">40</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px 15px; background-color: #e0f2f1;">50</div> </div> <table style="width: 100%; border: none;"> <tr> <td style="padding: 5px;"><math>63 + \square = 83</math></td> <td style="padding: 5px;"><math>68 + \square = 98</math></td> </tr> <tr> <td style="padding: 5px;"><math>\square + 23 = 63</math></td> <td style="padding: 5px;"><math>\square + 18 = 68</math></td> </tr> </table> <p><b>CHALLENGE:</b> Peter says that the missing number is NOT a multiple of 10. Explain why he is correct.</p> <p style="text-align: center;">___ + 17 = 46</p>	$63 + \square = 83$	$68 + \square = 98$	$\square + 23 = 63$	$\square + 18 = 68$	<p style="text-align: center;"><b>Making connections</b></p> <p style="text-align: center;">Stem sentence:</p> <p style="text-align: center;">___ ones minus ___ ones is equal to ___ ones; So, ___ tens minus ___ tens is equal to ___ tens.</p> <p style="text-align: center; color: red;">E.g. <math>8 - 3 = 5</math> 8 ones minus 3 ones is equal to 5 ones; <math>80 - 30 = 50</math> So, 8 tens minus 3 tens is equal to 5 tens.</p> <table style="width: 100%; border: none;"> <tr> <td style="padding: 5px;"><math>90 - 10 = \square</math></td> <td style="padding: 5px;"><math>40 - 30 = \square</math></td> </tr> <tr> <td style="padding: 5px;"><math>70 - \square = 50</math></td> <td style="padding: 5px;"><math>20 - \square = 10</math></td> </tr> <tr> <td style="padding: 5px;"><math>\square - 20 = 40</math></td> <td style="padding: 5px;"><math>50 - 30 = \square</math></td> </tr> <tr> <td style="padding: 5px;"><math>80 - 50 = \square</math></td> <td style="padding: 5px;"><math>\square - 80 = 0</math></td> </tr> </table>	$90 - 10 = \square$	$40 - 30 = \square$	$70 - \square = 50$	$20 - \square = 10$	$\square - 20 = 40$	$50 - 30 = \square$	$80 - 50 = \square$	$\square - 80 = 0$
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<p style="text-align: center;"><b>Making connections</b></p> <p>We can use this part-whole model to make four calculations:</p> <div style="display: flex; align-items: center; margin-bottom: 10px;"> <div style="text-align: center;">  </div> <div style="margin-left: 20px;"> <p><math>20 - 16 = 4</math></p> <p><math>20 - 4 = 16</math></p> <p><math>16 + 4 = 20</math></p> <p><math>4 + 16 = 20</math></p> </div> </div> <p>Write down the for calculations for each of these part-whole models:</p> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>	<p style="text-align: center;"><b>Number bonds to 20</b></p> <p style="text-align: center;">Challenge yourself to see how quickly you can fill in the missing symbols.</p> <p style="text-align: center; margin: 10px 0;">&gt; &lt; =</p> <table style="width: 100%; border: none;"> <tr> <td style="padding: 5px;"><math>14 + 4 \square 20</math></td> <td style="padding: 5px;"><math>3 + 19 \square 20</math></td> </tr> <tr> <td style="padding: 5px;"><math>14 + 7 \square 20</math></td> <td style="padding: 5px;"><math>2 + 18 \square 20</math></td> </tr> <tr> <td style="padding: 5px;"><math>14 + 6 \square 20</math></td> <td style="padding: 5px;"><math>4 + 18 \square 20</math></td> </tr> </table>	$14 + 4 \square 20$	$3 + 19 \square 20$	$14 + 7 \square 20$	$2 + 18 \square 20$	$14 + 6 \square 20$	$4 + 18 \square 20$						
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