

Y2 – Autumn – Block 2 – Step 1 – Fact families – addition and subtraction bonds to 20 Answers

Question	Answer				
1	b) $12 + 8 = 20$ c) $7 + 13 = 20$ d) There are 21 possible number bonds to 20. Children may work systematically to find them all.				
2	a) $15 + 2 = 17$ $17 = 15 + 2$ $2 + 15 = 17$ $17 = 2 + 15$ $17 - 15 = 2$ $2 = 17 - 15$ $17 - 2 = 15$ $15 = 17 - 2$ b) In the subtraction, the larger number needs to come first, so the correct subtraction is $17 - 2 = 15$				
3	$5 + 6 = 11$ $11 - 5 = 6$ $6 + 5 = 11$ $11 - 5 = 6$ The other number sentences are: $11 = 5 + 6$ $6 = 11 - 5$ $11 = 6 + 5$ $6 = 11 - 5$				
4	<table border="1"> <tr> <td colspan="2" style="text-align: center;">17</td> </tr> <tr> <td style="text-align: center;">9</td> <td style="text-align: center;">8</td> </tr> </table> $9 + 8 = 17$ $8 + 9 = 17$ $17 - 9 = 8$ $17 - 8 = 9$ $17 = 9 + 8$ $17 = 8 + 9$ $8 = 17 - 9$ $9 = 17 - 8$	17		9	8
17					
9	8				

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(continued)

Question	Answer
5	$3 + 7 = 10$ $10 = 3 + 7$ $7 + 3 = 10$ $10 = 7 + 3$ $10 - 7 = 3$ $7 - 3 = 10$ $3 - 10 = 7$ $7 = 10 - 3$ $10 - 3 = 7$ $10 - 3 = 7$
6	fact family using three number cards, e.g.: $5 + 2 = 7$ $2 + 5 = 7$ $7 - 2 = 5$ $7 - 5 = 2$ $7 = 5 + 2$ $7 = 2 + 5$ $5 = 7 - 2$ $2 = 7 - 5$ Children may have chosen different sets of numbers. Possible sets are: 5, 2 and 7; 7, 13 and 6