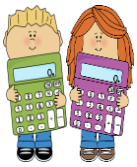

Subtraction Number Bonds (to 20)

3 and what makes 5?

There are lots of different ways to subtract from a number (one more than the number itself, e.g. there are 16 ways to subtract from 15). Use your knowledge of number bond subtraction facts to complete the grids below. Try to fill in all the possible answers for each number and write them in order (subtracting the biggest number first).

LI: We are learning about numbers

LC: Number Bonds to 20 (Subtraction)

SC: I know that numbers can be subtracted in different ways – SA

I know different ways to subtract each number shown - SA

I know the number of different ways is one more than each number - SA

I can write <u>all</u> the different ways to subtract from each number

Challenge: I can write the different ways in pattern order (starting from the biggest)

I can create my own grids and write number bond subtraction patterns for numbers bigger than 20 – SA

11	12
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●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
●	●
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13	14
●	●
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15	16
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17	18
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19	20
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Answers	
11	12
• 11 - 11 = 0 • 11 - 10 = 1 • 11 - 9 = 2 • 11 - 8 = 3 • 11 - 7 = 4 • 11 - 6 = 5 • 11 - 5 = 6 • 11 - 4 = 7 • 11 - 3 = 8 • 11 - 2 = 9 • 11 - 1 = 10 • 11 - 0 = 11	• 12 - 12 = 0 • 12 - 11 = 1 • 12 - 10 = 2 • 12 - 9 = 3 • 12 - 8 = 4 • 12 - 7 = 5 • 12 - 6 = 6 • 12 - 5 = 7 • 12 - 4 = 8 • 12 - 3 = 9 • 12 - 2 = 10 • 12 - 1 = 11 • 12 - 0 = 12
13	14
• 13 - 13 = 0 • 13 - 12 = 1 • 13 - 11 = 2 • 13 - 10 = 3 • 13 - 9 = 4 • 13 - 8 = 5 • 13 - 7 = 6 • 13 - 6 = 7 • 13 - 5 = 8 • 13 - 4 = 9 • 13 - 3 = 10 • 13 - 2 = 11 • 13 - 1 = 12 • 13 - 0 = 13	• 14 - 14 = 0 • 14 - 13 = 1 • 14 - 12 = 2 • 14 - 11 = 3 • 14 - 10 = 4 • 14 - 9 = 5 • 14 - 8 = 6 • 14 - 7 = 7 • 14 - 6 = 8 • 14 - 5 = 9 • 14 - 4 = 10 • 14 - 3 = 11 • 14 - 2 = 12 • 14 - 1 = 13 • 14 - 0 = 14
15	16
• 15 - 15 = 0 • 15 - 14 = 1 • 15 - 13 = 2 • 15 - 12 = 3 • 15 - 11 = 4 • 15 - 10 = 5 • 15 - 9 = 6 • 15 - 8 = 7 • 15 - 7 = 8 • 15 - 6 = 9 • 15 - 5 = 10 • 15 - 4 = 11 • 15 - 3 = 12 • 15 - 2 = 13 • 15 - 1 = 14 • 15 - 0 = 15	• 16 - 16 = 0 • 16 - 15 = 1 • 16 - 14 = 2 • 16 - 13 = 3 • 16 - 12 = 4 • 16 - 11 = 5 • 16 - 10 = 6 • 16 - 9 = 7 • 16 - 8 = 8 • 16 - 7 = 9 • 16 - 6 = 10 • 16 - 5 = 11 • 16 - 4 = 12 • 16 - 3 = 13 • 16 - 2 = 14 • 16 - 1 = 15 • 16 - 0 = 16

17	18
• 17 - 17 = 0 • 17 - 16 = 1 • 17 - 15 = 2 • 17 - 14 = 3 • 17 - 13 = 4 • 17 - 12 = 5 • 17 - 11 = 6 • 17 - 10 = 7 • 17 - 9 = 8 • 17 - 8 = 9 • 17 - 7 = 10 • 17 - 6 = 11 • 17 - 5 = 12 • 17 - 4 = 13 • 17 - 3 = 14 • 17 - 2 = 15 • 17 - 1 = 16 • 17 - 0= 17	• 18 - 18 = 0 • 18 - 17 = 1 • 18 - 16 = 2 • 18 - 15 = 3 • 18 - 14 = 4 • 18 - 13 = 5 • 18 - 12 = 6 • 18 - 11 = 7 • 18 - 10 = 8 • 18 - 9 = 9 • 18 - 8 = 10 • 18 - 7 = 11 • 18 - 6 = 12 • 18 - 5 = 13 • 18 - 4 = 14 • 18 - 3 = 15 • 18 - 2 = 16 • 18 - 1 = 17 • 18 - 0 = 18
19	20
• 19 - 19 = 0 • 19 - 18 = 1 • 19 - 17 = 2 • 19 - 16 = 3 • 19 - 15 = 4 • 19 - 14 = 5 • 19 - 13 = 6 • 19 - 12 = 7 • 19 - 11 = 8 • 19 - 10 = 9 • 19 - 9 = 10 • 19 - 8 = 11 • 19 - 7 = 12 • 19 - 6 = 13 • 19 - 5 = 14 • 19 - 4 = 15 • 19 - 3 = 16 • 19 - 2 = 17 • 19 - 1 = 18 • 19 - 0 = 19	• 20 - 20 = 0 • 20 - 19 = 1 • 20 - 18 = 2 • 20 - 17 = 3 • 20 - 16 = 4 • 20 - 15 = 5 • 20 - 14 = 6 • 20 - 13 = 7 • 20 - 12 = 8 • 20 - 11 = 9 • 20 - 10 = 10 • 20 - 9 = 11 • 20 - 8 = 12 • 20 - 7 = 13 • 20 - 6 = 14 • 20 - 5 = 15 • 20 - 4 = 16 • 20 - 3 = 17 • 20 - 2 = 18 • 20 - 1 = 19 • 20 - 0 = 20