

Varied Fluency

Step 15: Bonds to 100 – Tens and Ones

National Curriculum Objectives:

Mathematics Year 2: (2C1) [Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100](#)

Mathematics Year 2: (2C2a) [Add and subtract numbers mentally, including: a two-digit number and ones, a two-digit number and tens, two two-digit numbers, adding three one-digit numbers](#)

Mathematics Year 2: (2C3) [Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems](#)

Differentiation:

Developing Questions to support creating number bonds to 100 using multiples of 10.

Expected Questions to support creating number bonds to 100 using multiples of 5.

Greater Depth Questions to support creating number bonds to 100 using 2-digit numbers.

More [Year 2 Addition and Subtraction](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Bonds to 100 – Tens and Ones

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1a. Connect the bonds to 100.

20	70
30	50
0	80
50	100



VF

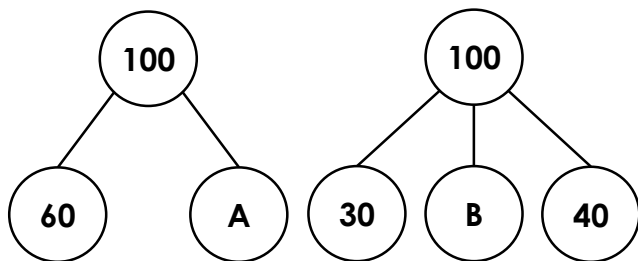
1b. Connect the bonds to 100.

100	90
40	60
10	0
90	10



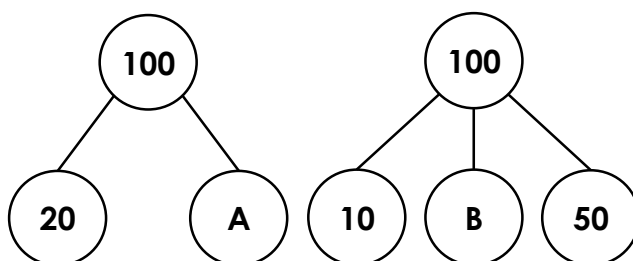
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2a. Complete the number bonds below.



VF

2b. Complete the number bonds below.



VF

3a. Find 3 pairs of bonds to 100 in the grid below.

10	20	50	10
90	60	70	40
80	90	20	50
60	40	80	50



VF

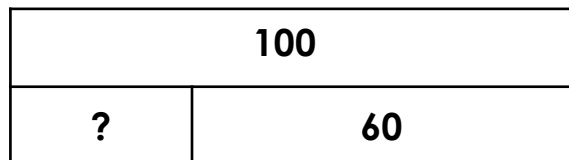
3b. Find 3 pairs of bonds to 100 in the grid below.

10	50	20	80
30	60	10	50
50	40	30	70
20	70	20	30



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4a. Circle the missing number to complete the bar model below.



10

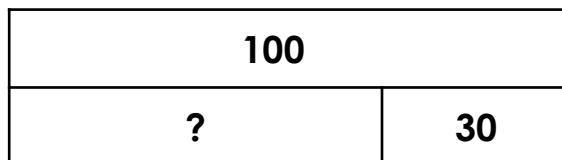
40

50



VF

4b. Circle the missing number to complete the bar model below.



80

70

40



VF

Bonds to 100 – Tens and Ones

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5a. Connect the bonds to 100.

15	55
45	85
55	45
25	75



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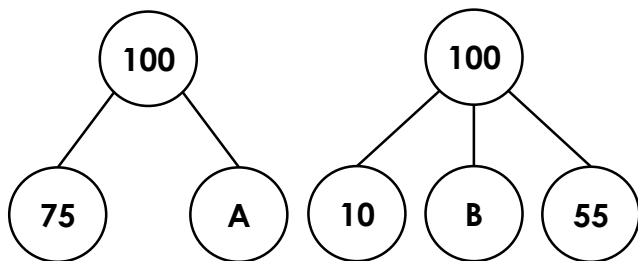
5b. Connect the bonds to 100.

35	65
50	5
20	50
95	80



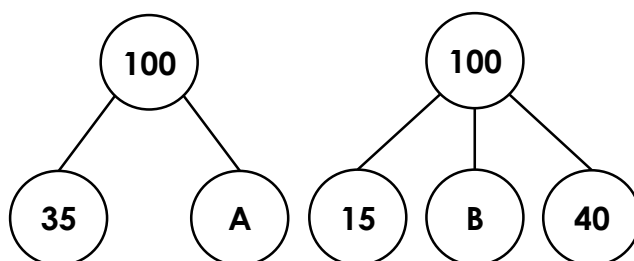
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6a. Complete the number bonds below.



VF

6b. Complete the number bonds below.



VF

7a. Find 3 pairs of bonds to 100 in the grid below.

85	10	30	70
15	40	75	50
65	55	25	5
20	60	45	35



VF

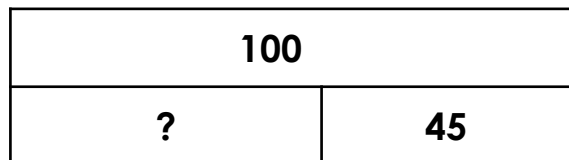
7b. Find 3 pairs of bonds to 100 in the grid below.

25	10	70	5
35	45	75	95
40	55	60	25
60	40	35	70



VF

8a. Circle the missing number to complete the bar model below.



65

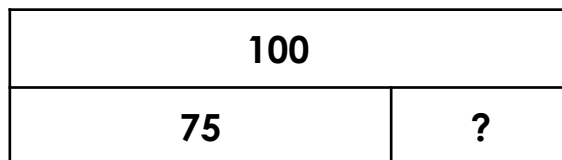
45

55



VF

8b. Circle the missing number to complete the bar model below.



55

25

35



VF

Bonds to 100 – Tens and Ones

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9a. Connect the bonds to 100.

67	27
34	33
29	66
73	71



VF

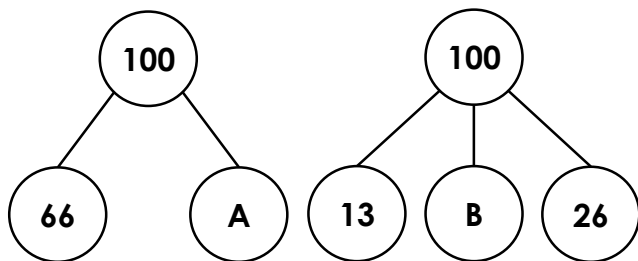
9b. Connect the bonds to 100.

39	61
17	52
48	16
84	83



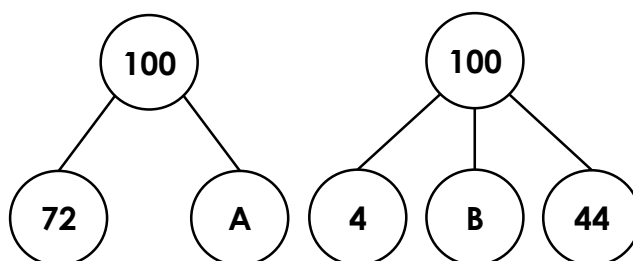
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10a. Complete the number bonds below.



VF

10b. Complete the number bonds below.



VF

11a. Find 3 pairs of bonds to 100 in the grid below.

37	63	44	24
89	57	83	17
65	92	36	91
12	8	78	56



VF

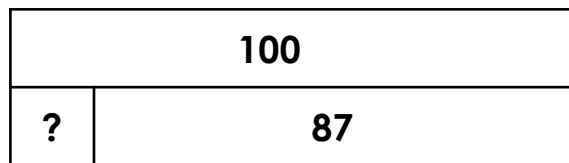
11b. Find 3 pairs of bonds to 100 in the grid below.

81	62	92	74
79	56	16	28
52	96	84	21
48	18	67	79



VF

12a. Circle the missing number to complete the bar model below.



23

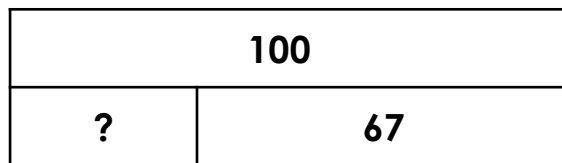
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13



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12b. Circle the missing number to complete the bar model below.



33

43

53



VF

Varied Fluency
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Developing

- 1a. 20 and 80; 30 and 70; 0 and 100;
50 and 50
2a. $A = 40$; $B = 30$
3a. Possible answers: 90 and 10;
80 and 20; 40 and 60; 50 and 50
4a. 40

Expected

- 5a. 15 and 85; 45 and 55; 55 and 45;
25 and 75
6a. $A = 25$; $B = 35$
7a. Possible answers: 85 and 15;
30 and 70; 40 and 60; 75 and 25;
65 and 35; 55 and 45
8a. 55

Greater Depth

- 9a. 67 and 33; 34 and 66; 29 and 71;
73 and 27
10a. $A = 34$; $B = 61$
11a. Possible answers: 37 and 63;
44 and 56; 83 and 17; 92 and 8
12a. 13

Varied Fluency
Bonds to 100 – Tens and Ones

Developing

- 1b. 100 and 0; 40 and 60; 10 and 90;
90 and 10
2b. $A = 80$; $B = 40$
3b. Possible answers: 60 and 40;
80 and 20; 70 and 30; 50 and 50
4b. 70

Expected

- 5b. 35 and 65; 50 and 50; 20 and 80;
95 and 5
6b. $A = 65$; $B = 45$
7b. Possible answers: 25 and 75;
60 and 40; 55 and 45; 95 and 5
8b. 25

Greater Depth

- 9b. 39 and 61; 17 and 83; 48 and 52;
84 and 16
10b. $A = 28$; $B = 52$
11b. Possible answers: 79 and 21;
48 and 52; 84 and 16
12b. 33