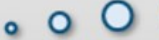$7 + \boxed{} = 9$

$7 + \boxed{2} = 9$

How many more red cubes are needed to make 9?

$2 + \boxed{7} = 9$

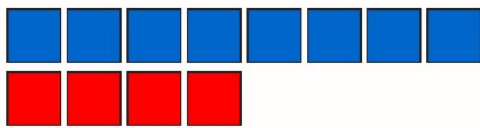What number should go in the box now?

7 **2**

7 and 2 are 'special' number partners that make 9: a **number bond**. They can be added in any order to make 9.
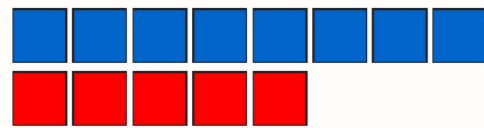
Practice Sheet Mild
How many more to make 8?

Draw the missing number of cubes and write the missing number in the number sentence below:

$4 + \boxed{} = 8$

$5 + \boxed{} = 8$

$2 + \boxed{} = 8$

$7 + \boxed{} = 8$

$3 + \boxed{} = 8$

$\boxed{} + 1 = 8$

Practice Sheet Hot
Birthday number bond candles

How many more candles to make 9? Finish each number sentence.

| 2 | + | | = | 9 |

| 5 | + | | = | |

| | + | | = | |

| | + | | = | |

| | + | | = | |

| | + | | = | |

| | + | | = | |

| | + | | = | |

| | + | | = | |
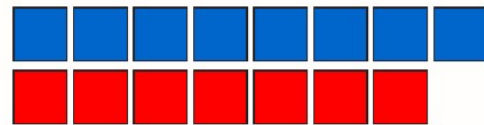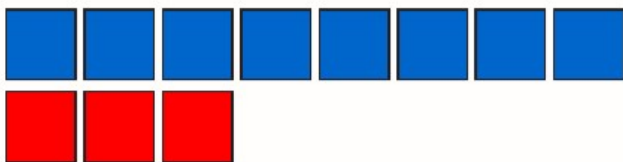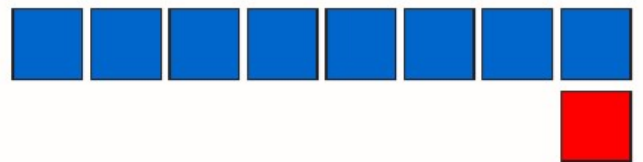
Add three numbers, using doubles and number bonds to 10.

What is the total?

Is there an efficient order to do it?

12

Change the order: double 5 is 10, then another 2 makes 12.

Practice Sheet Mild
Adding 3 dice

Can you re-arrange the dice into the order you might add them together? Remember to look for doubles and number bonds to help you, e.g. $6 + 4 + 2 = 12$

1.

$\boxed{} + \boxed{} + \boxed{} = \boxed{}$

2.

$\boxed{} + \boxed{} + \boxed{} = \boxed{}$

3.

$\boxed{} + \boxed{} + \boxed{} = \boxed{}$

4.

$\boxed{} + \boxed{} + \boxed{} = \boxed{}$

5.

$\boxed{} + \boxed{} + \boxed{} = \boxed{}$

Practice Sheet Hot
Adding 3 numbers

9   4   1   ☐ + ☐ + ☐ = ☐

4   5   6   ☐ + ☐ + ☐ = ☐

3   7   8   ☐ + ☐ + ☐ = ☐

5   2   8   ☐ + ☐ + ☐ = ☐

3   6   4   ☐ + ☐ + ☐ = ☐

7   3   4   ☐ + ☐ + ☐ = ☐

5   9   5   ☐ + ☐ + ☐ = ☐

Challenge

Write 3 numbers to give a total of 17.

☐ + ☐ + ☐ = 17

Add 10, then small multiples of 10 to 2-digit numbers.

1-100 grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

What is the total when we add 10 to this number?

Where would Spider land if we added another 10?

Spider started on 20 and did two jumps of 10.

$$20 + 10 + 10 = 40$$
$$20 + 20 = 40$$

Add 10, then small multiples of 10 to 2-digit numbers.

1-100 grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

How can Spider calculate 42 + 20? **?**

$$42 + 20 = \boxed{62}$$

The 10s digit changes but the 1s digit doesn't.

Add 10, then small multiples of 10 to 2-digit numbers.

1-100 grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Now try 38 + 20.

$$38 + 20 = \boxed{58}$$

Pick a number below. Find it on the hundred square and then add 10 to it.

See if you can write it into an addition sentence.

30 + 10 = 40

30

22
28

8   12

7

9   10

40

33

60

45

57   14

36

Now see if you can do it with 20. Pick a number, find it on the hundred square and add 20. Make sure you write these as number sentences too.

Challenge – find the number and subtract 10. Write these as a number sentnce. What number do we have to start the sentnces with?

30 – 10 = 20

1-100 number grid

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100