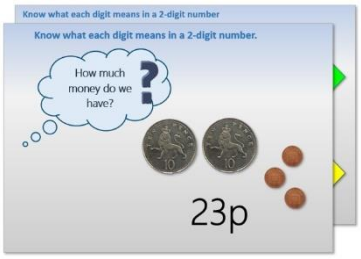
Year 1: Week 1, Day 4

Finding 10 more/less than a number

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



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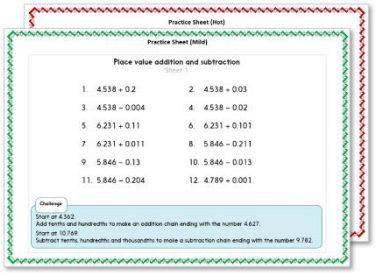
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



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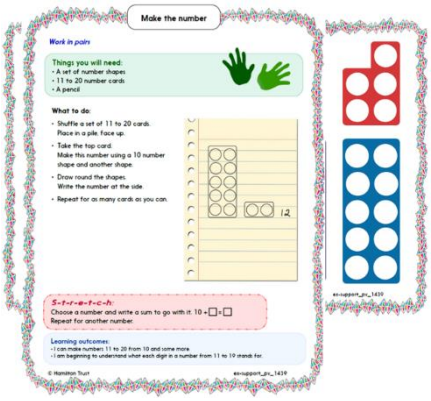
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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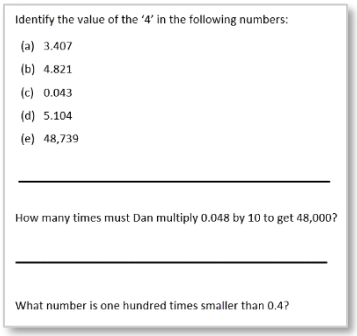
4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



Learning Reminders

Find 10 more and 10 less than any 2-digit number.

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

Remember how Spider counts on in 10s by moving down the grid?

Spider is on 17.
10 more than 17 is 27.
10 more than 27 is 37.
10 more than 37 is 47.
And so on...

Learning Reminders

Find 10 more and 10 less than any 2-digit number.

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		44	45	46	47			
51	52	53	54	55		57			
61	62	63	64	65	66				
71	72	73	74	75	76				
81	82	83	84	85	86	87			
91	92	93	94	95	96	97	98	99	100

Remember how Spider counts back in 10s by moving up the grid?

Spider is on 43.
10 less than 43 is 33.
10 less than 33 is 23.
10 less than 23 is 13.
And so on...

Learning Reminders

Find 10 more and 10 less than any 2-digit number.

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		
51	52	53	54	55	56	57			
61	62	63	64	65	66	67			
71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

10 less than 18 is 8.
10 more than 18 is 28.

Find 10 more and 10 less than any 2-digit number.

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

10 less than 13 is ____.
10 more than 13 is ____.

10 less than 51 is ____.
10 more than 51 is ____.

10 less than ____ is 66.
10 more than ____ is 86.

Practice Sheet (all children)

Ten more/ten less

	Ten less		Ten more	
	←	20	→	
	←	13	→	
	←	29	→	
	←	35	→	
	←	40	→	
	←	42	→	
	←	57	→	
	←	69	→	
	←	74	→	
	←	88	→	
	←	90	→	

Challenge

Choose your own numbers for these.

←		→
←		→

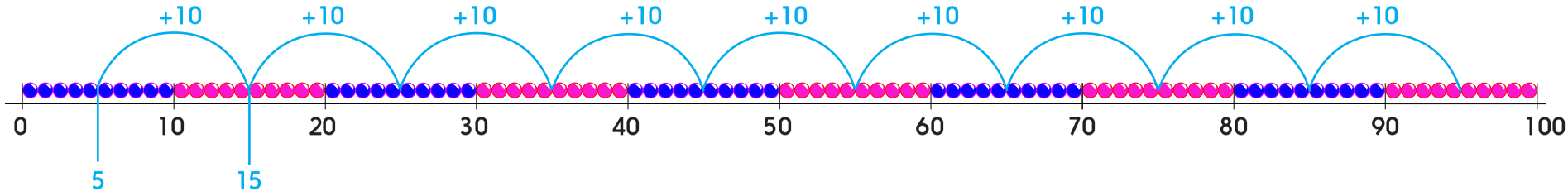
Practice Sheet Answers

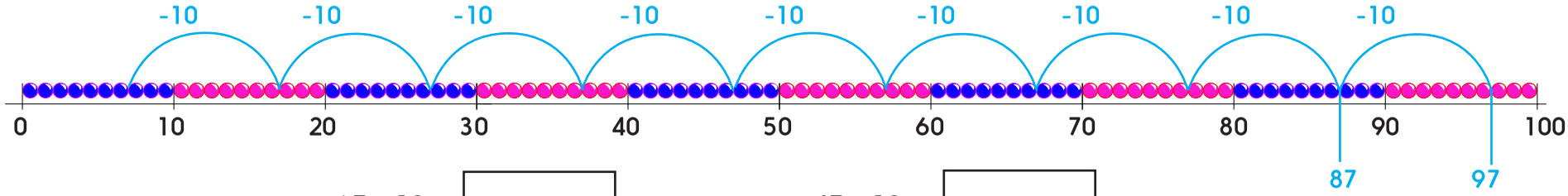
Ten more, ten less (all children)

10	20	30
3	13	23
19	29	39
25	35	45
30	40	50
32	42	52
47	57	67
59	69	79
64	74	84
78	88	98
80	90	100

Practice Sheet - Extra Challenge

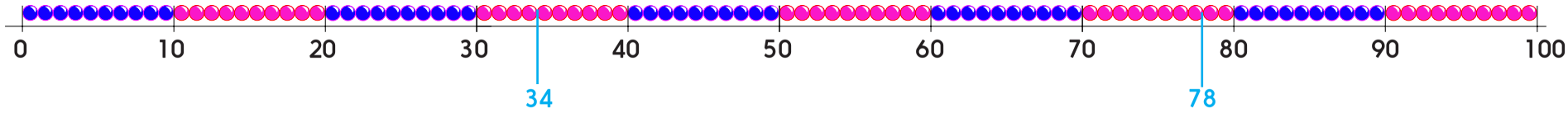
Label where each jump lands.





67 - 10 = ☐

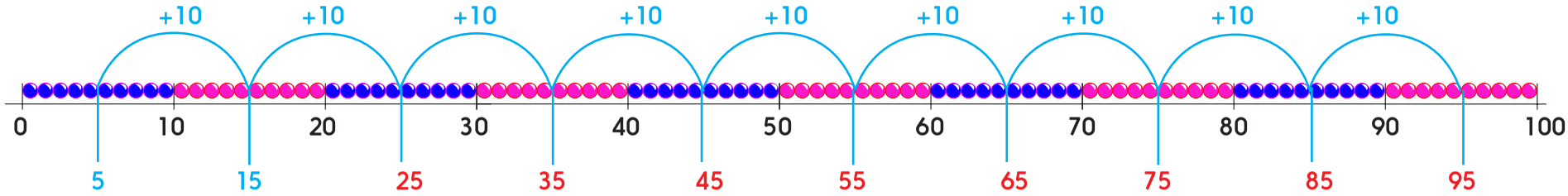
47 - 10 = ☐

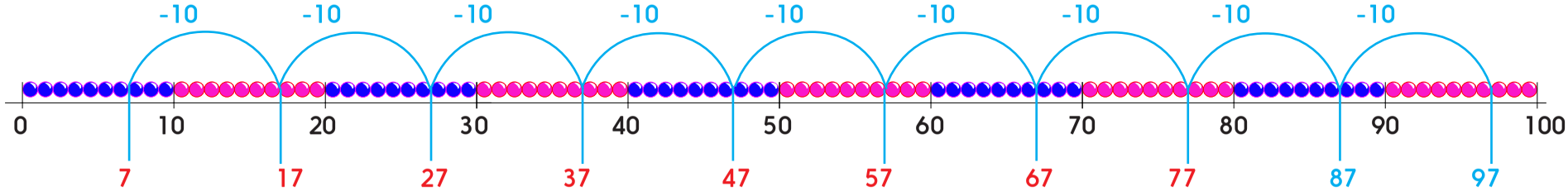


78 + 10 = ☐

34 - 10 = ☐

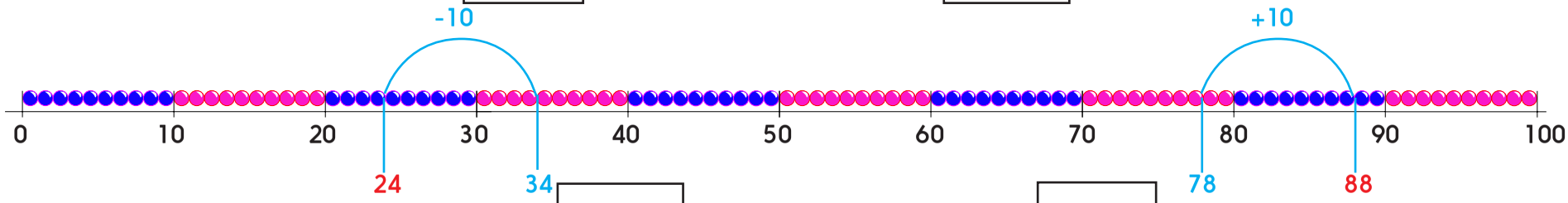
Practice Sheet - Extra Challenge
Answers





67 - 10 = **57**

47 - 10 = **37**



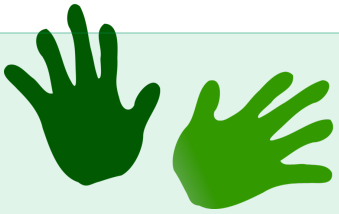
78 + 10 = **88**

34 - 10 = **24**

A Bit Stuck?
Spider counting

Work in pairs

Things you will need:
- Spider's counting strips
- A pencil



What to do:

- Choose one of Spider's counting strips.
- Write the missing numbers.
- Fill in as many strips as you can.

10
20
40
60
70
80
90
100

S-t-r-e-t-c-h:

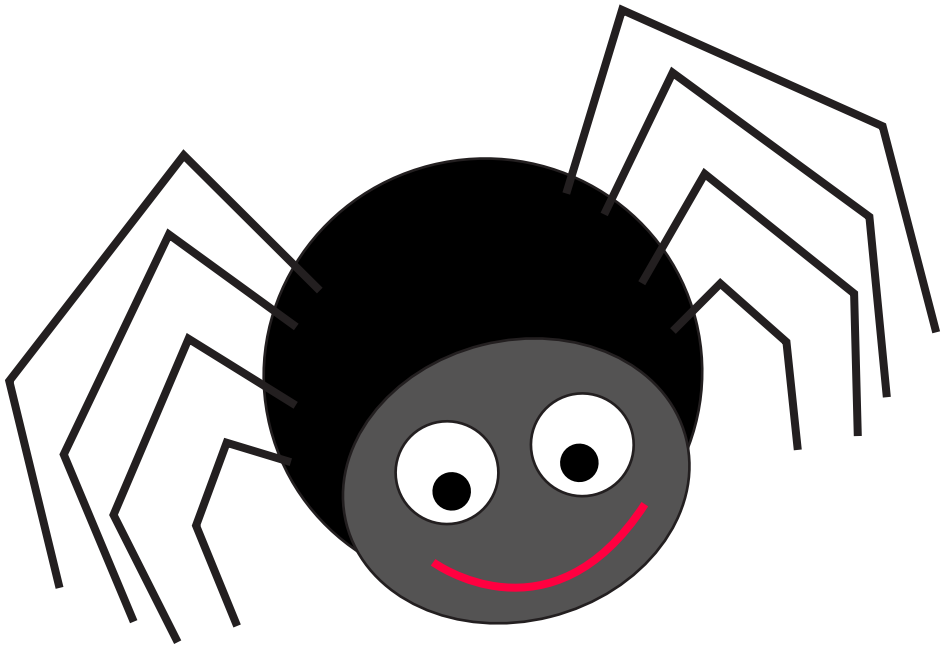
Perform Spider counting to an adult or your maths partner.
Say the 10s numbers without looking at the 1-100 grid. *10, 20, 30...*

Learning outcomes:
- I can count in 10s from 10 to 100 using the bead bar or 1-100 grid.
- I am beginning to recite counting in 10s from 10 to 100.

A Bit Stuck?
Spider counting

10	10	10	10	10	10	10	10
20	20	20	20	20	20	20	
30	30	30			30	30	30
40	40	40	40			40	40
50		50		50			
60	60		60	60	60		60
70	70		70	70	70	70	70
80		80	80	80	80	80	
	90	90	90	90	90	90	90
	100	100	100	100	100	100	100

A Bit Stuck?
Spider counting



Check your understanding

Questions

What number is 10 more than 19?

What number is 10 less than 42?

Fill in the missing numbers.

26 + 10 = _____ _____ = 57 + 10

60 - 10 = _____ _____ = 83 – 10

True or false?

- Adding 10 to a number ending in 0 always gives another number ending in 0.
- You count six tens to get from 10 to 60.
- Counting back 3 tens from a number more than 50 always gives an answer more than 30?

Fold here to hide answers

Check your understanding

Answers

What number is 10 more than 19? **29**

What number is 10 less than 42? **32**

Fill in the missing numbers.

26 + 10 = **36** **67** = 57 + 10

60 - 10 =**50** **73** = 83 – 10

True or false?

- Adding 10 to a number ending in 0 always gives another number ending in 0. True
- You count six tens to get from 10 to 60. False - it is 5 tens. This misunderstanding may arise from children including the initial 10.
- Counting back 3 tens from a number more than 50 always gives an answer more than 30? False, e.g. 53 – 30 = 23. The number would have to be more than 60 for this to be true.