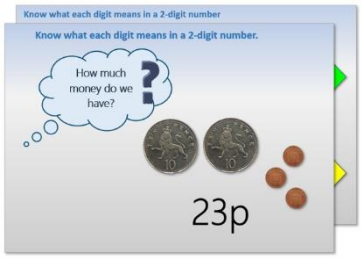
Year 1: Week 1, Day 1

Make 2-digit numbers; place them on a number line

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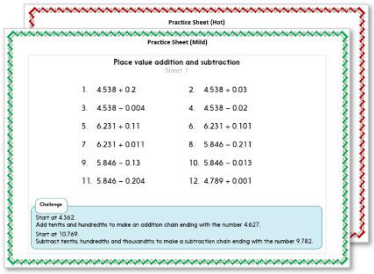
2. Tackle the questions on the **Practice Sheet**.
   There might be a choice of either Mild (easier) or Hot (harder)!
   Check the answers.



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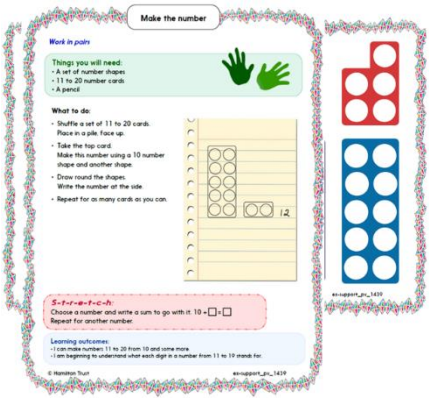

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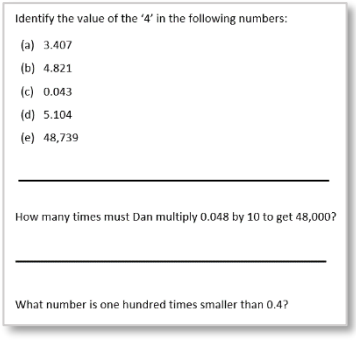
4. Have I mastered the topic? A few questions to **Check your understanding**.
   Fold the page to hide the answers!



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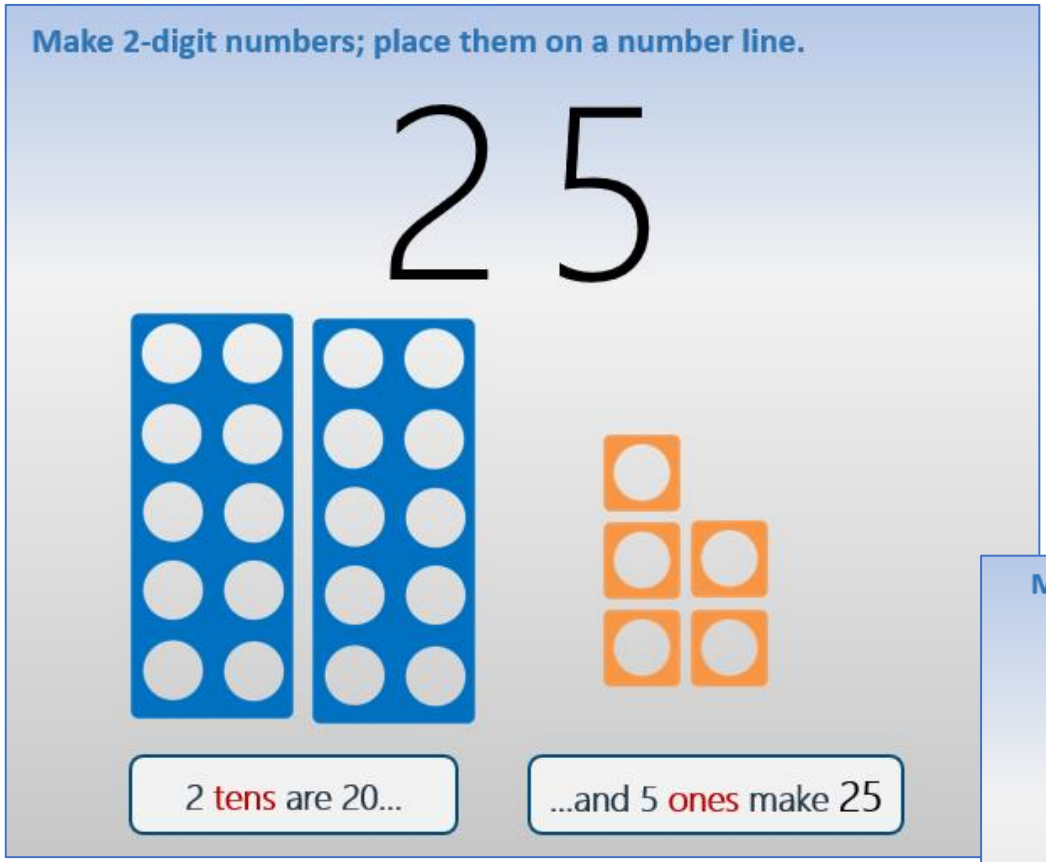
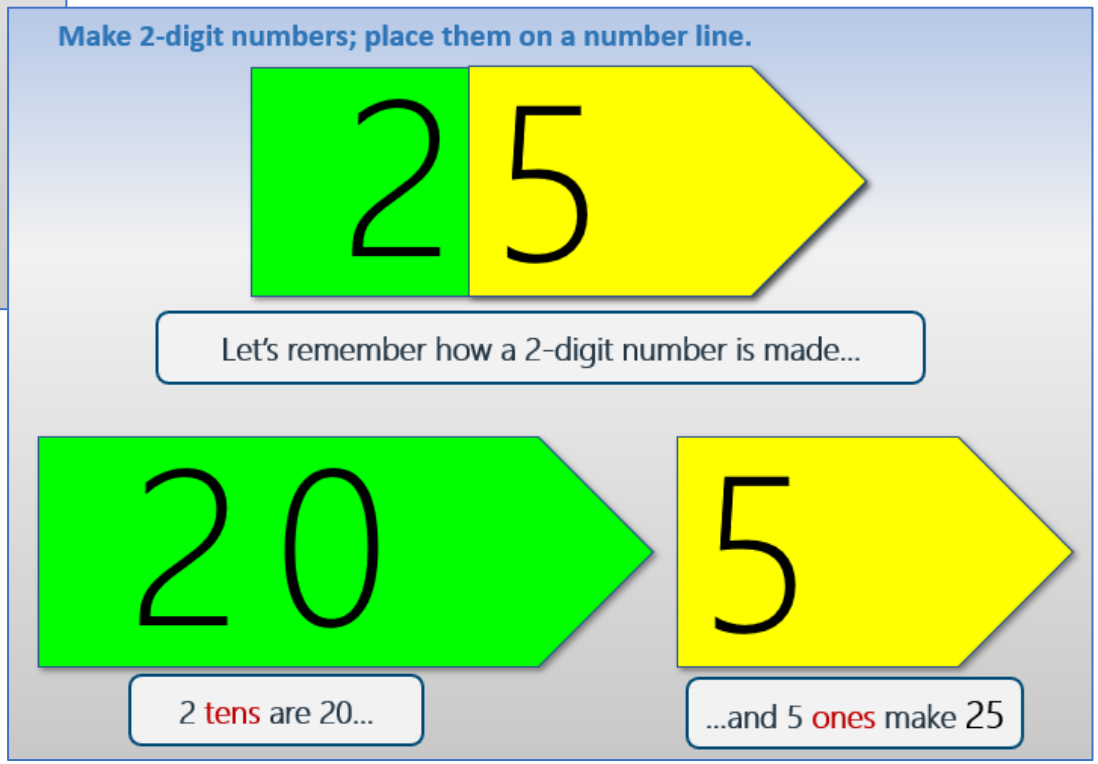
Learning Reminders





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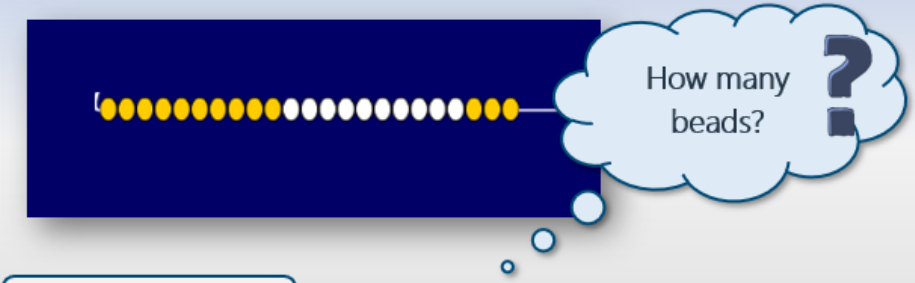
Learning Reminders

Make 2-digit numbers; place them on a number line.

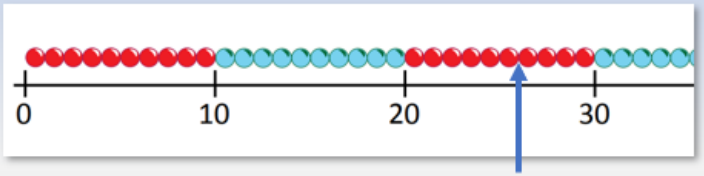


How many tens?

2 3

How many ones?

Make 2-digit numbers; place them on a number line.



What number is the arrow pointing at?

How many tens?

2 6

How many ones?

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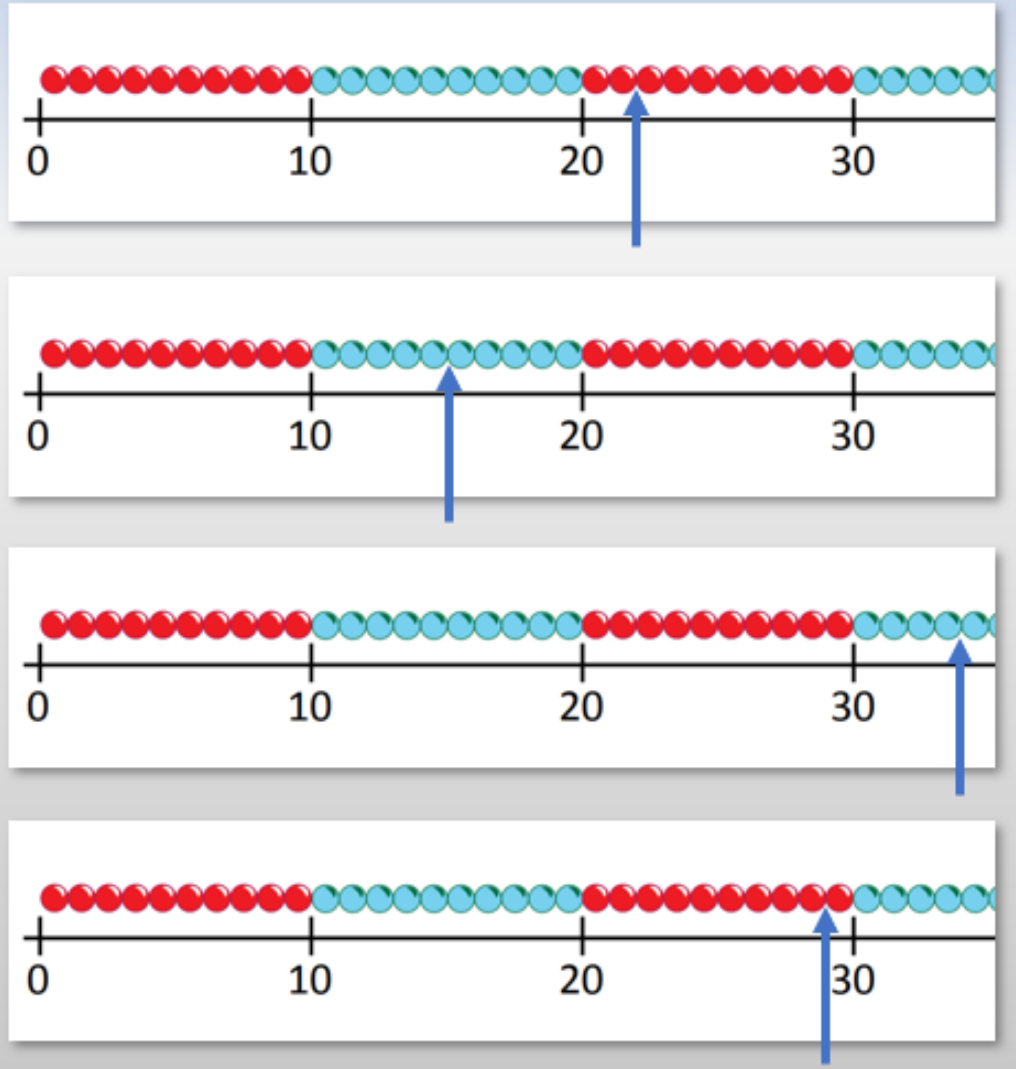
Learning Reminders

Make 2-digit numbers; place them on a number line.



What number is the arrow pointing at on each number line?

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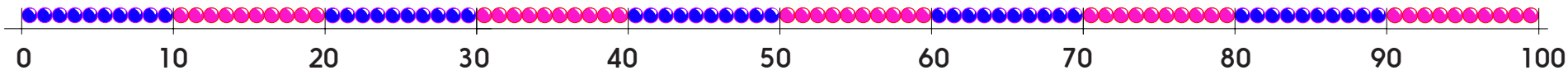
Practice Sheet Mild

Find the numbers



Mark these numbers on the line:

23 58 75 12 61 83 88 24 32 47

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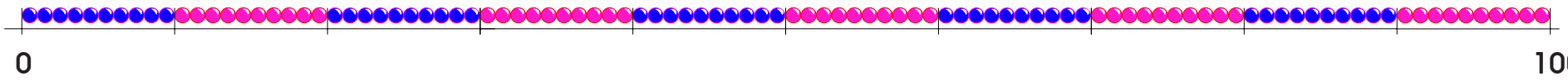
Practice Sheet Hot

Find the numbers



Mark the numbers on the line:

23 58 75 12 61 83 79 24 32 47 96

Challenge

Draw three arrows on the line. Ask a partner to write the numbers they show.

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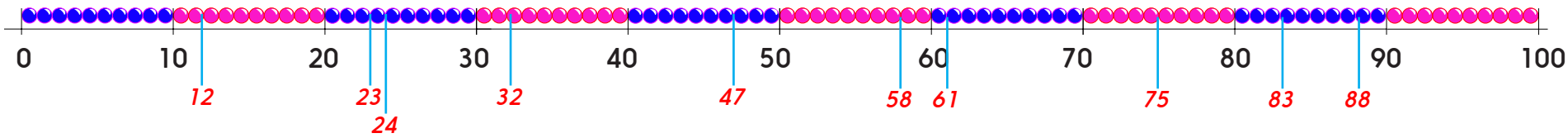
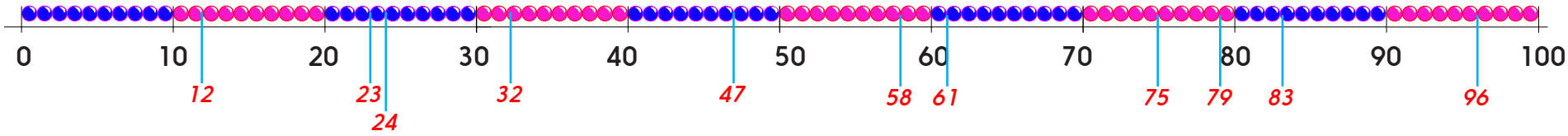
Practice Sheets Answers

Find the numbers (mild)



Find the numbers (hot)



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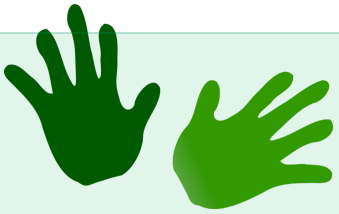
A Bit Stuck?
Make the number

Work in pairs

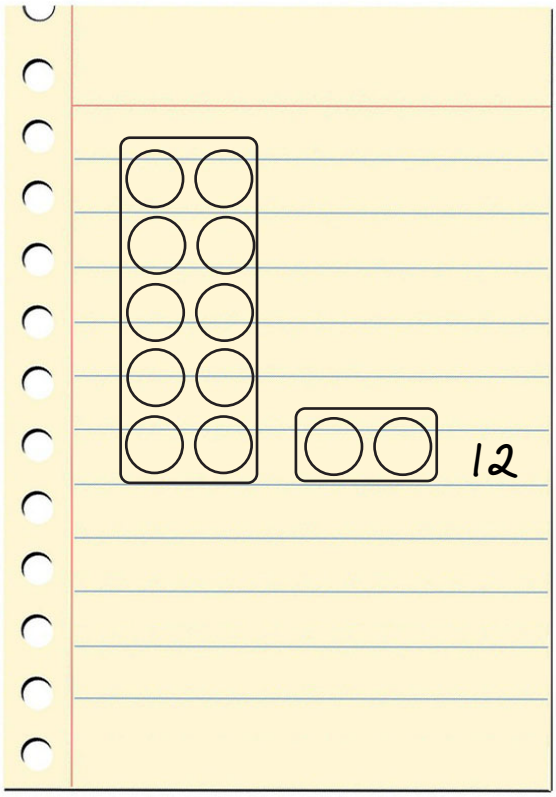
Things you will need:

- A set of number shapes
- 11 to 20 number cards
- A pencil



What to do:

- Shuffle a set of 11 to 20 cards.
  Place in a pile, face up.
- Take the top card.
  Make this number using a 10 number shape and another shape.
- Draw round the shapes.
  Write the number at the side.
- Repeat for as many cards as you can.



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

Choose a number and write a sum to go with it. 10 + ☐ = ☐
Repeat for another number.

Learning outcomes:

- I can make numbers 11 to 20 from 10 and some more.
- I am beginning to understand what each digit in a number from 11 to 19 stands for.

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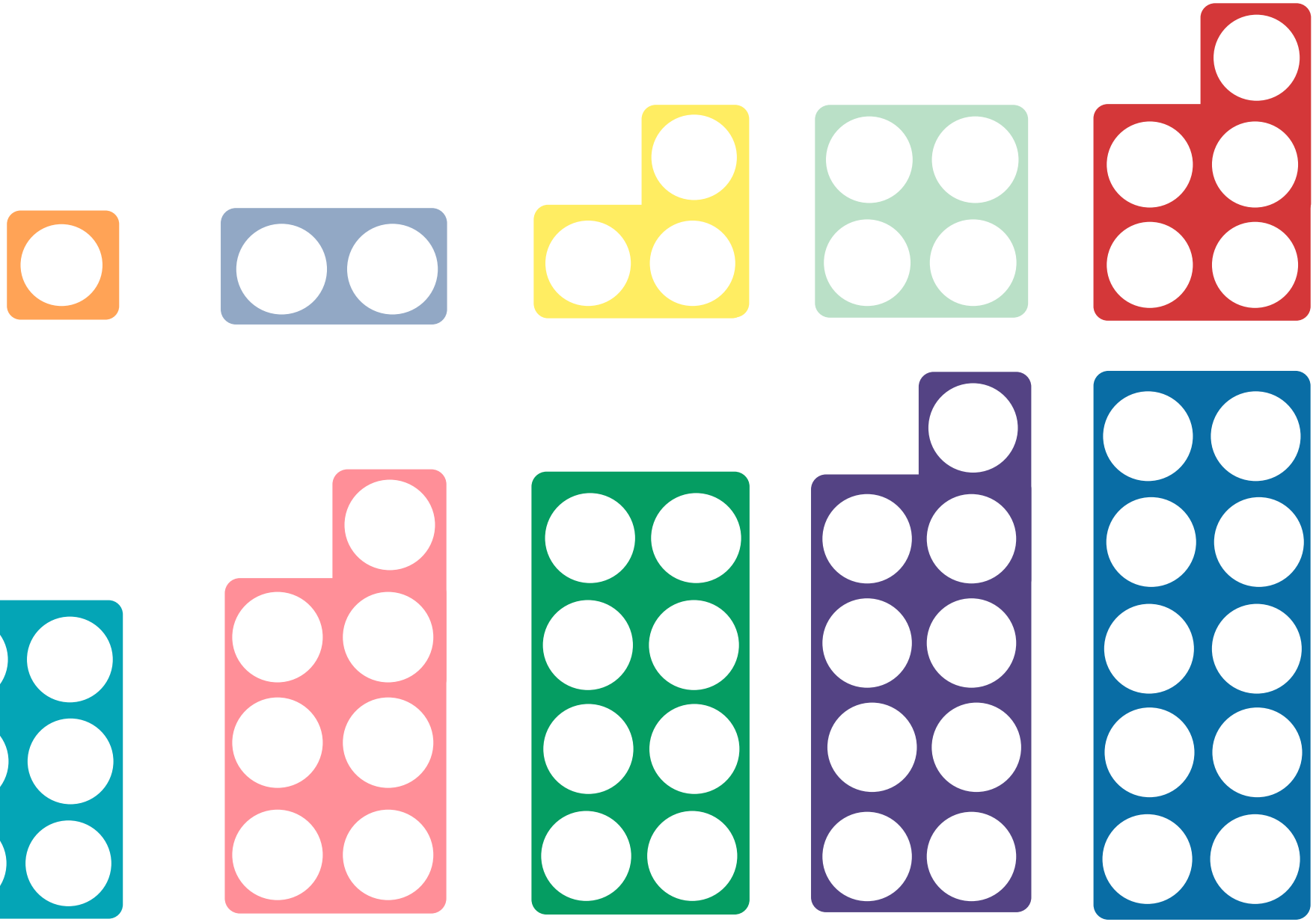
A Bit Stuck?

Make the number



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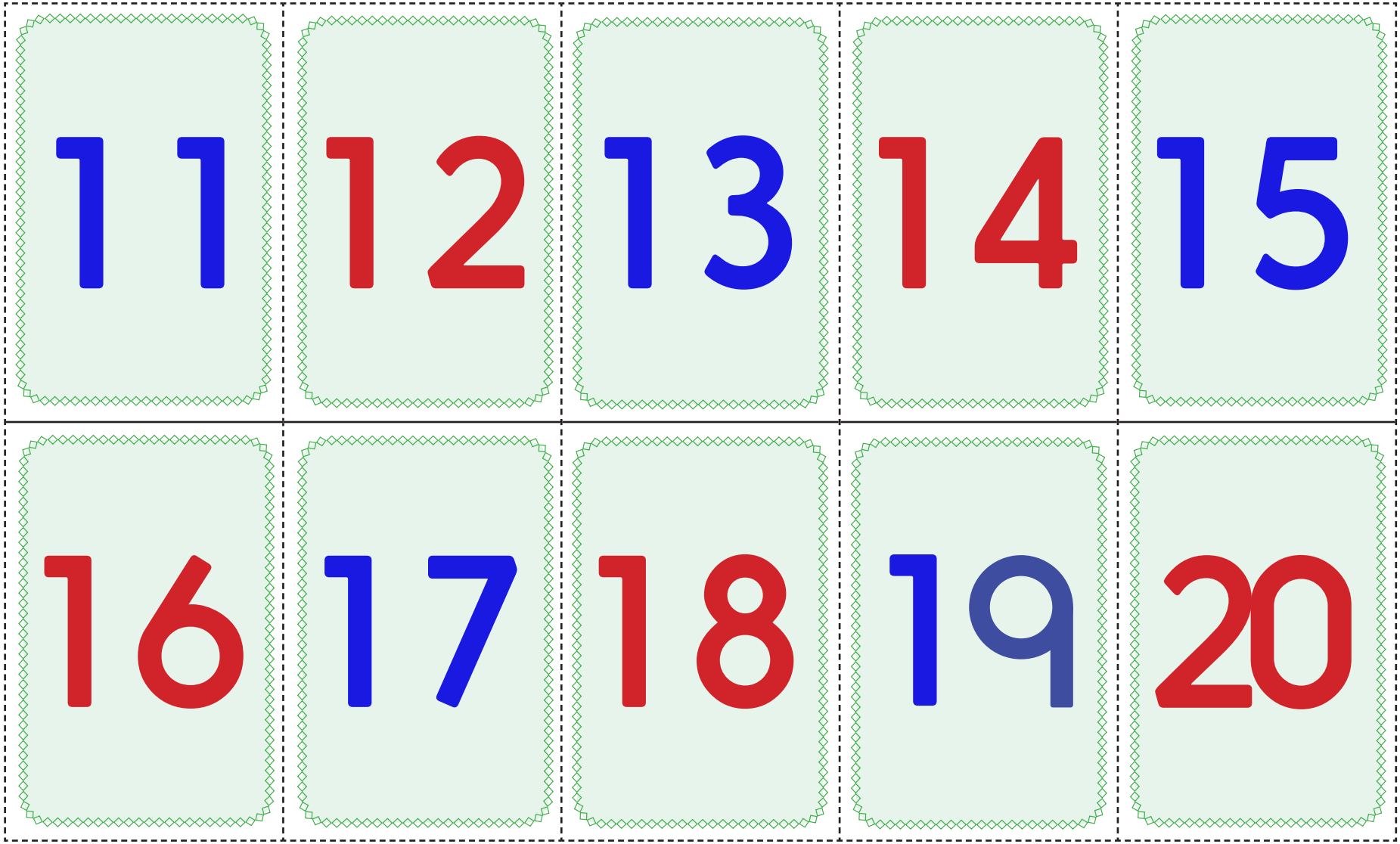

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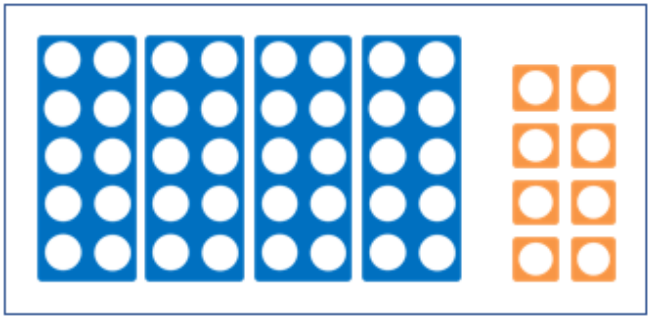
Check your understanding

Questions

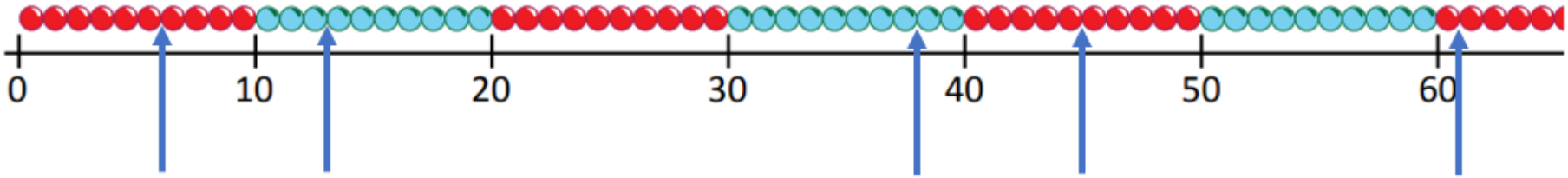
Say how many 10s and how many 1s are in each of these numbers:

46 19 34 21 50 72 81 18 23 6

What 2-digit numbers are represented by these sets of number shapes?



What number is each arrow pointing to?



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Check your understanding

Answers

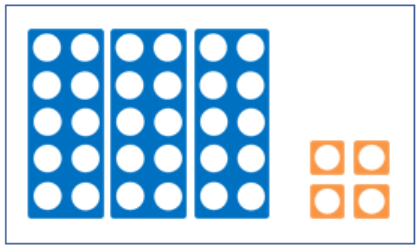
Say how many 10s and how many 1s are in each of these numbers:

	10s	1s
46	4	1
19	1	9
34	3	4
21	2	1
50	5	0

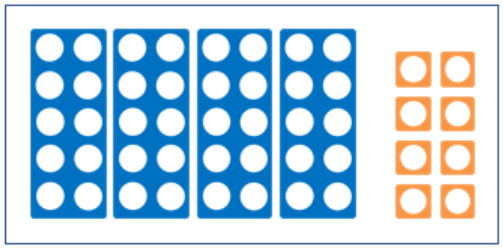
	10s	1s
72	7	2
81	8	1
18	1	8
23	2	3
6	0	6

What 2-digit numbers are represented by these sets of number shapes?

21

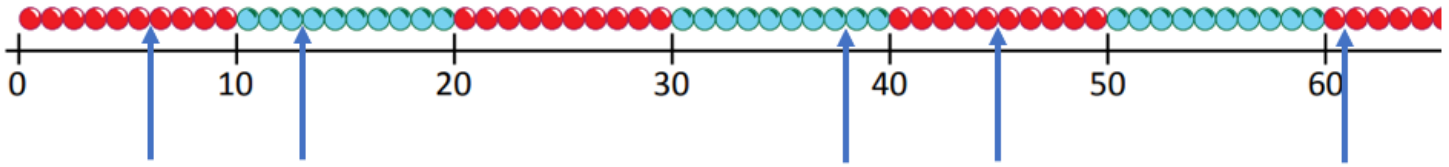


34



48

What number is each arrow pointing to?



6 **13** **38** **45** **61**

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Year 1: Week 1, Day 2

Count money in 10ps and 1ps

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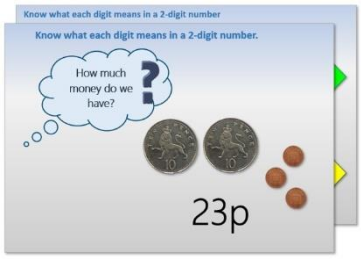

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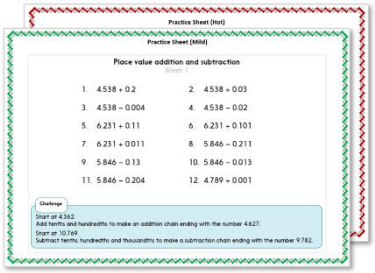

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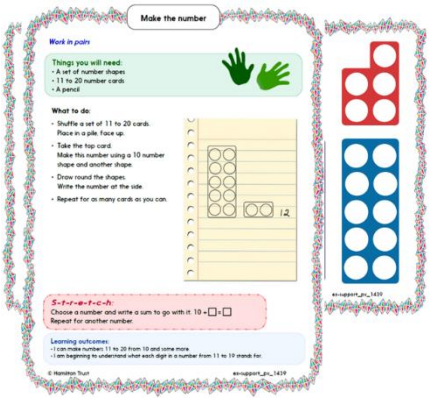

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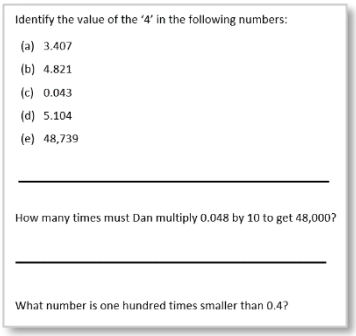

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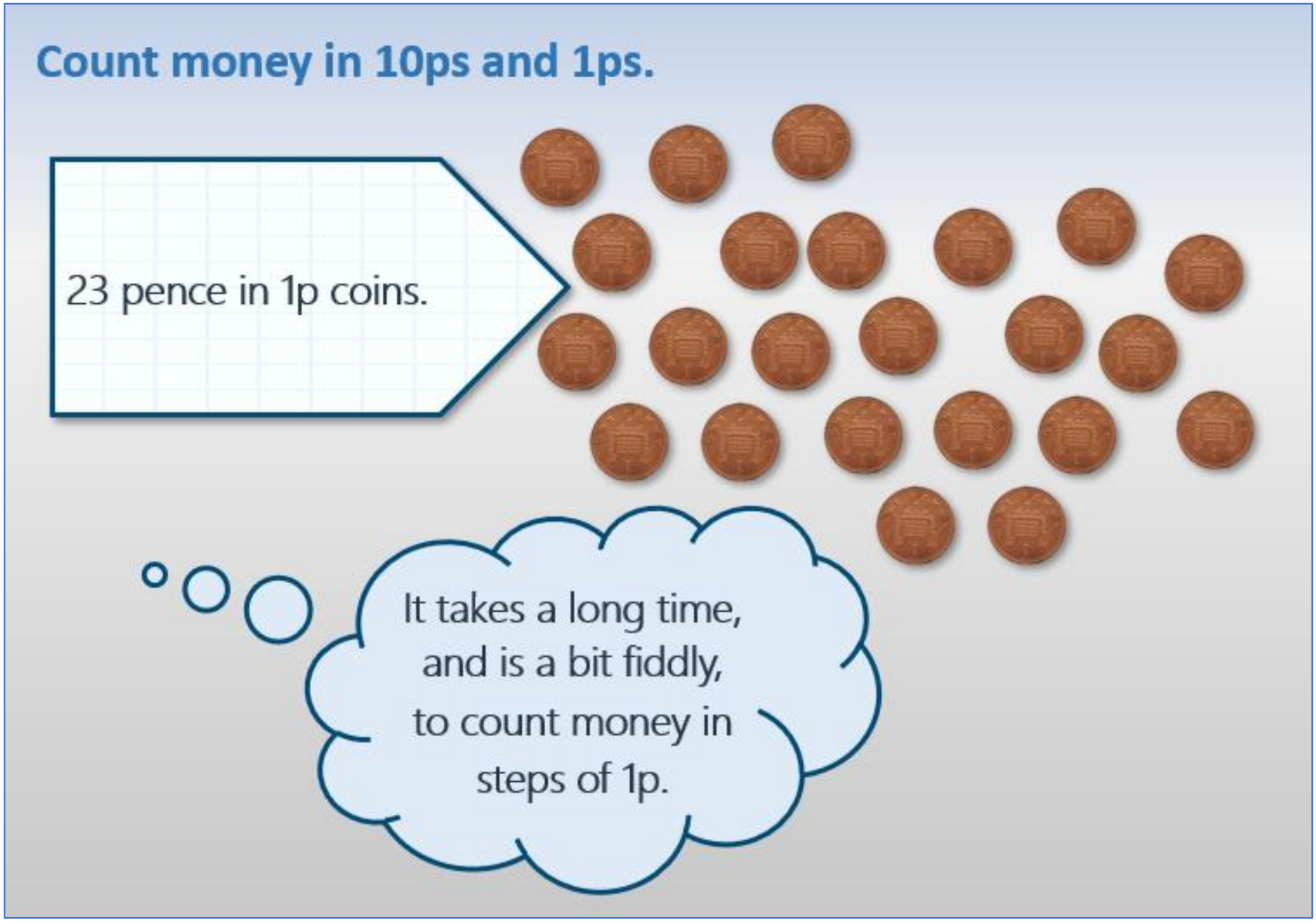
Learning Reminders



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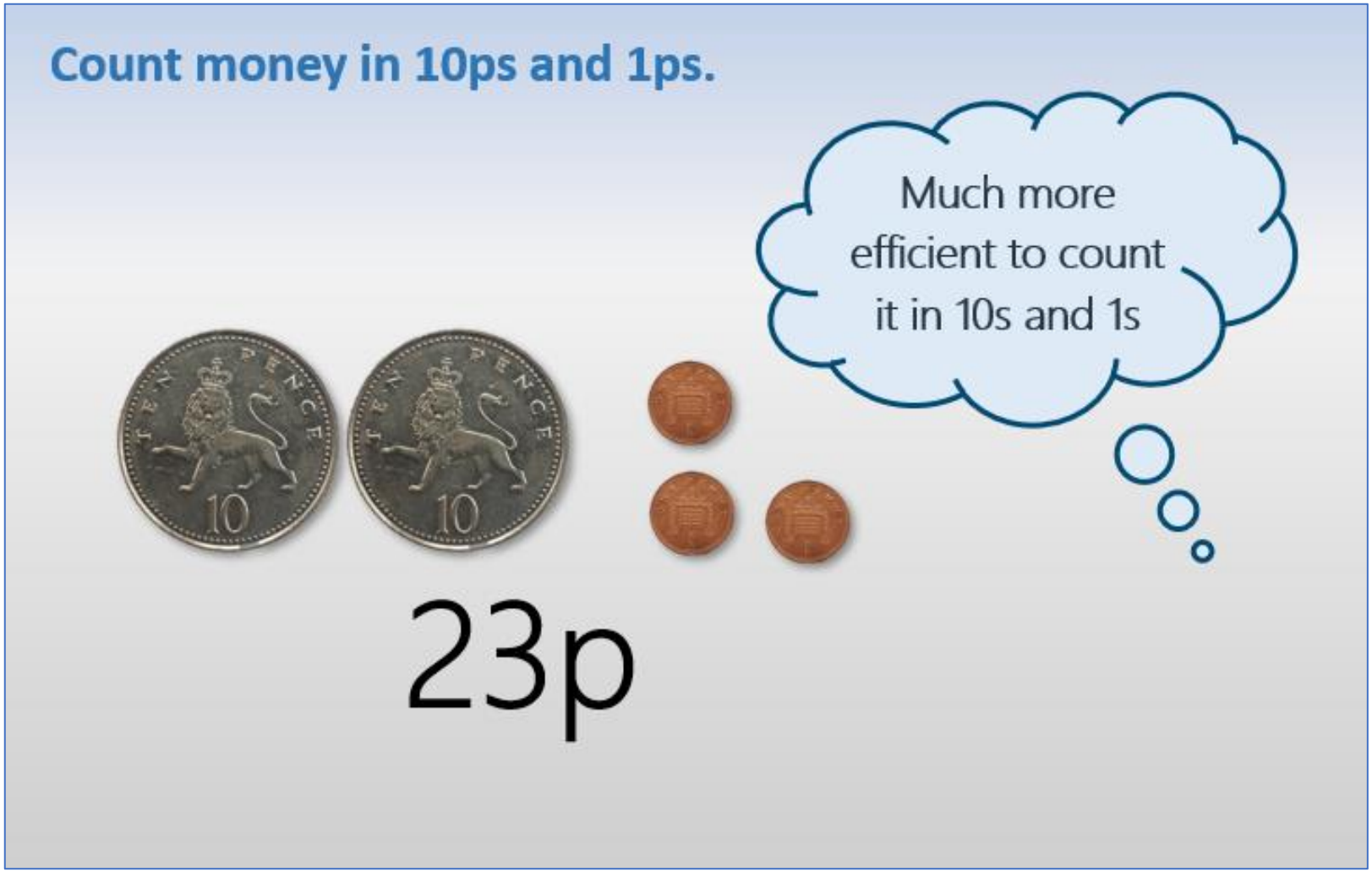
Learning Reminders



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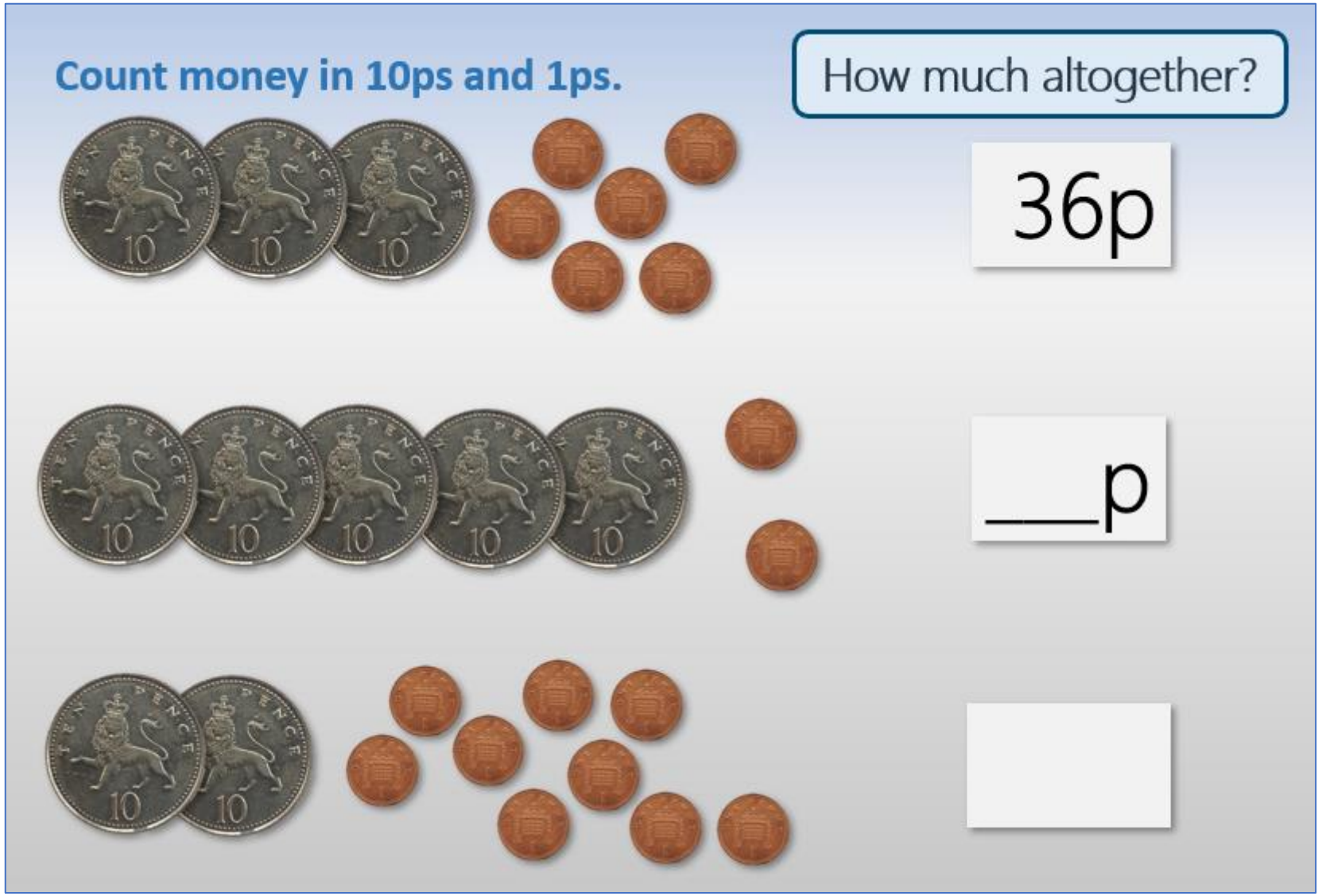
Learning Reminders



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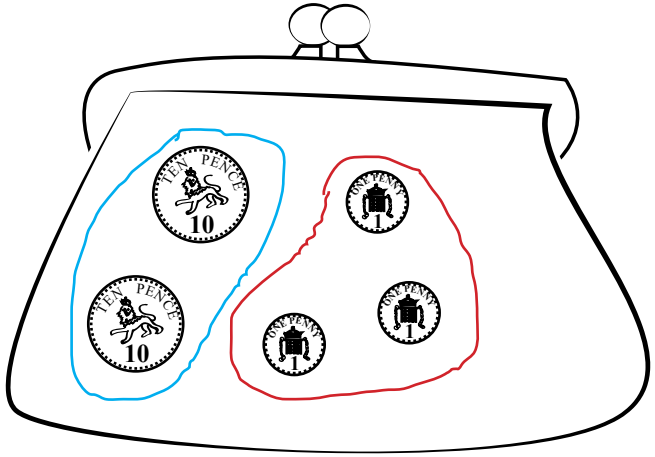
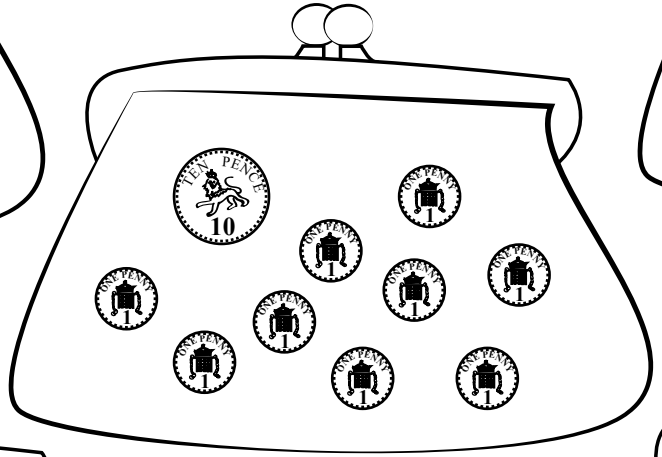
Practice Sheet Mild

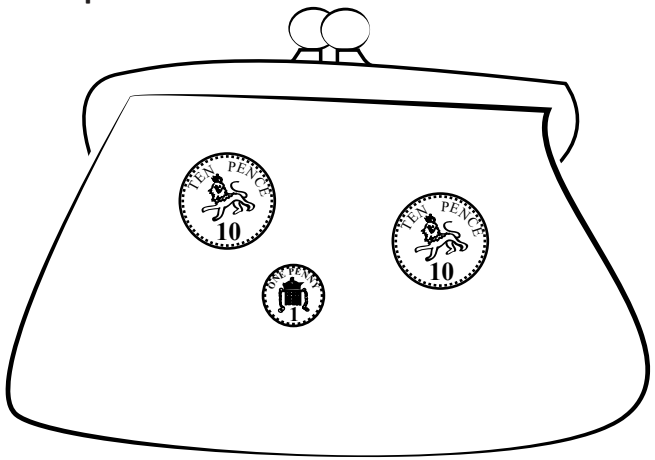
How much money?

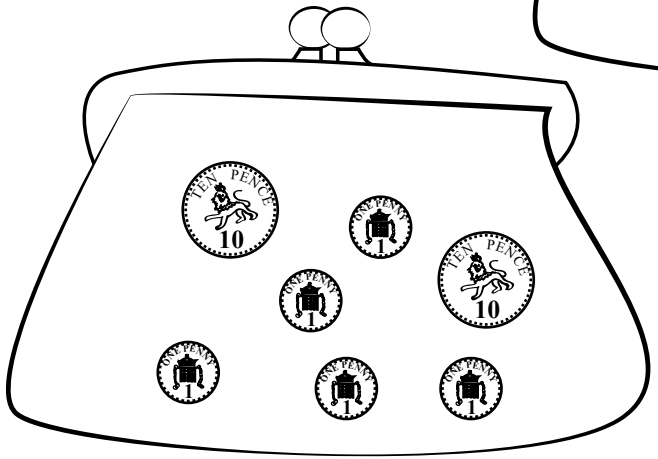
Work out how much money is in each purse by counting the 10ps and then the 1ps. Write the amount underneath.

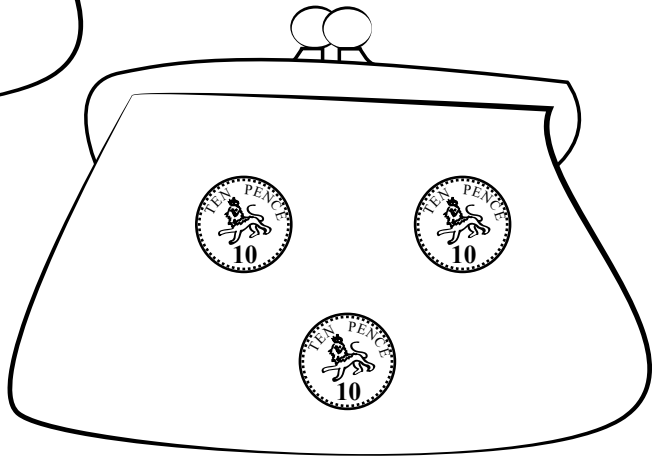


23p









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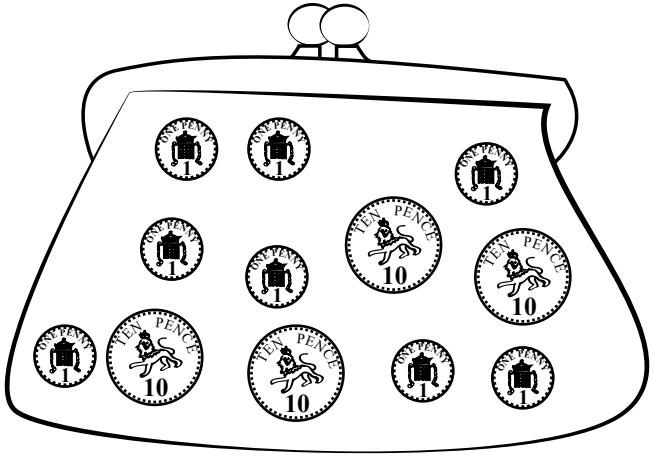
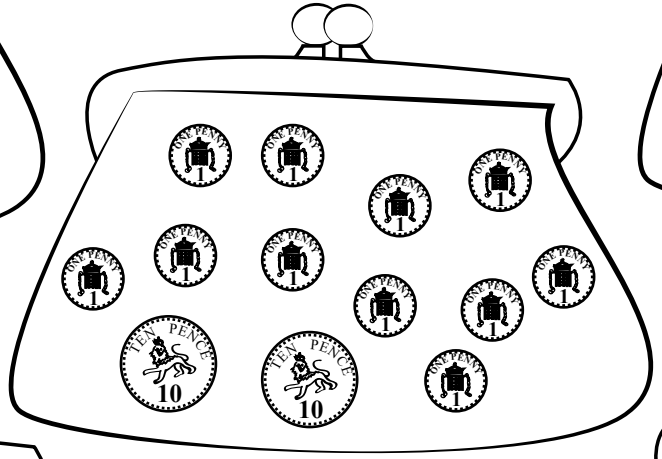
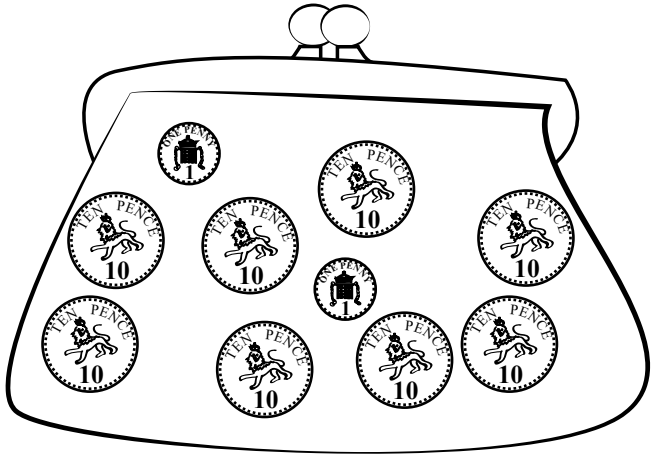
Practice Sheet Hot

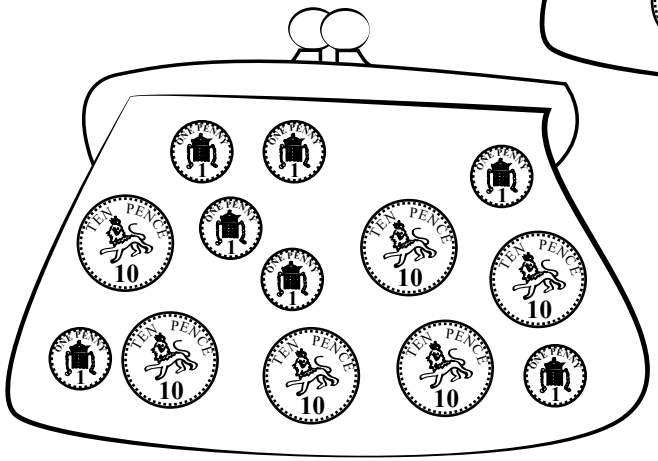
How much money?

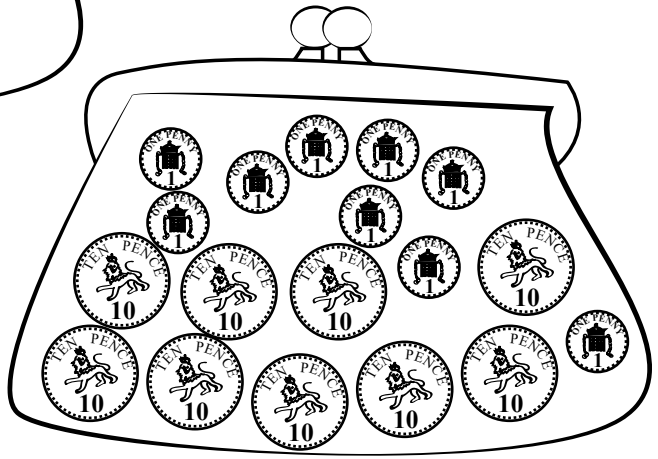
Work out how much money is in each purse by counting the 10ps and then the 1ps. Write the amount underneath.











Challenge

Katy says, 'I have 38p in my purse'.

Draw her purse and her coins.

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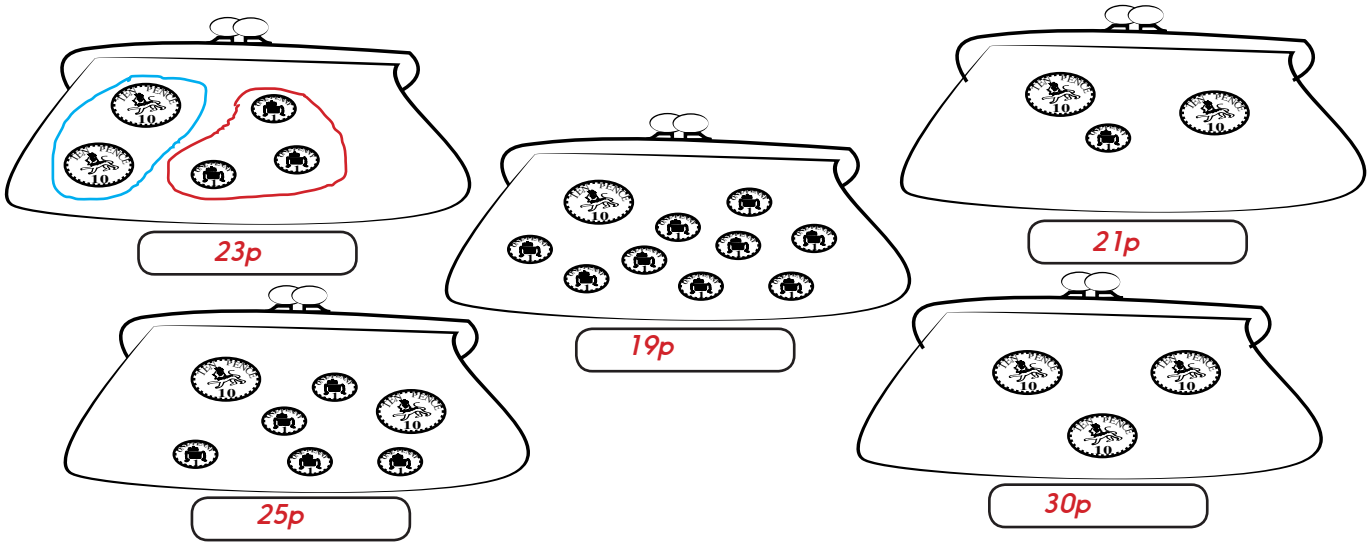
Practice Sheets Answers

How much money? (mild)



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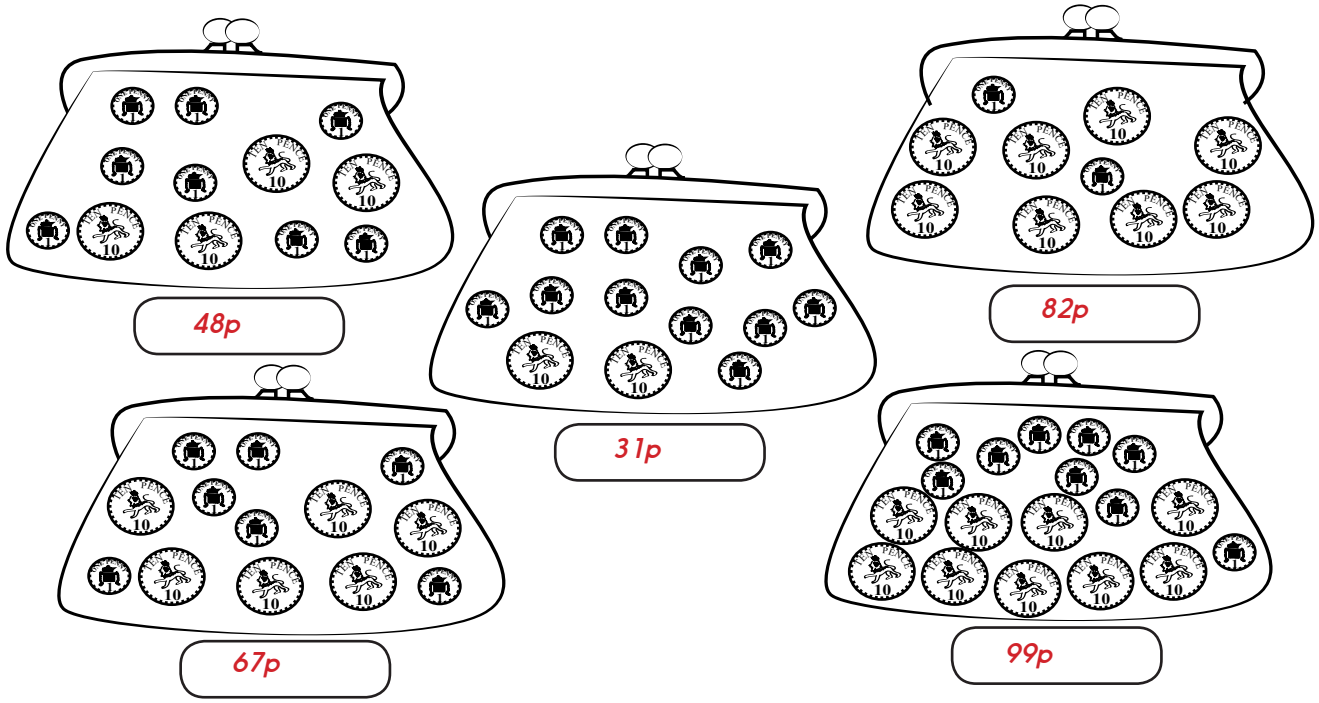
Practice Sheets Answers Continued

How much money? (hot)



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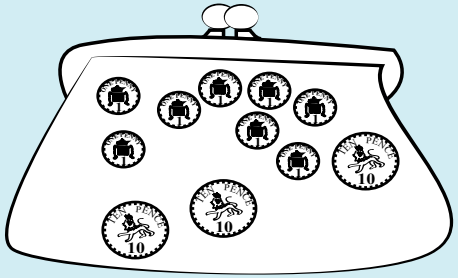

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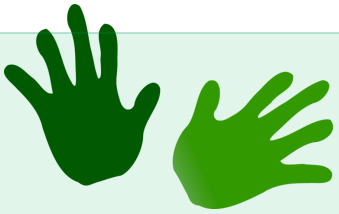
A Bit Stuck?
Money makers

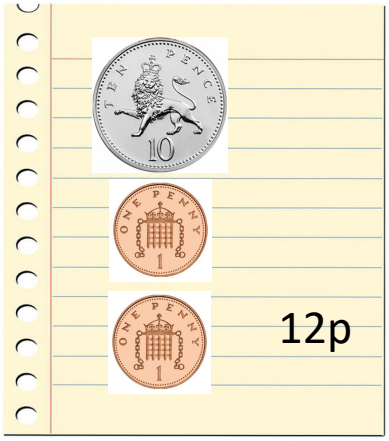
Work in pairs

Things you will need:
- Two 10p coins and ten 1p coins
- 11 to 20 number cards
- A pencil



What to do:

- Shuffle a set of 11 to 20 cards.
  Place in a pile, face up.
- Take the top card.
  Make this number using a 10p coin and 1p coins.
- Draw round the shapes.
  Write the amount at the side.
- Repeat for as many cards as you can.



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

Choose a number and write a sum to go with it. 10p + ☐ = ☐
Repeat for another number.

Learning outcomes:
- I can make numbers 11 to 20 from 10 and some more.
- I am beginning to understand what each digit in a number from 11 to 19 stands for.

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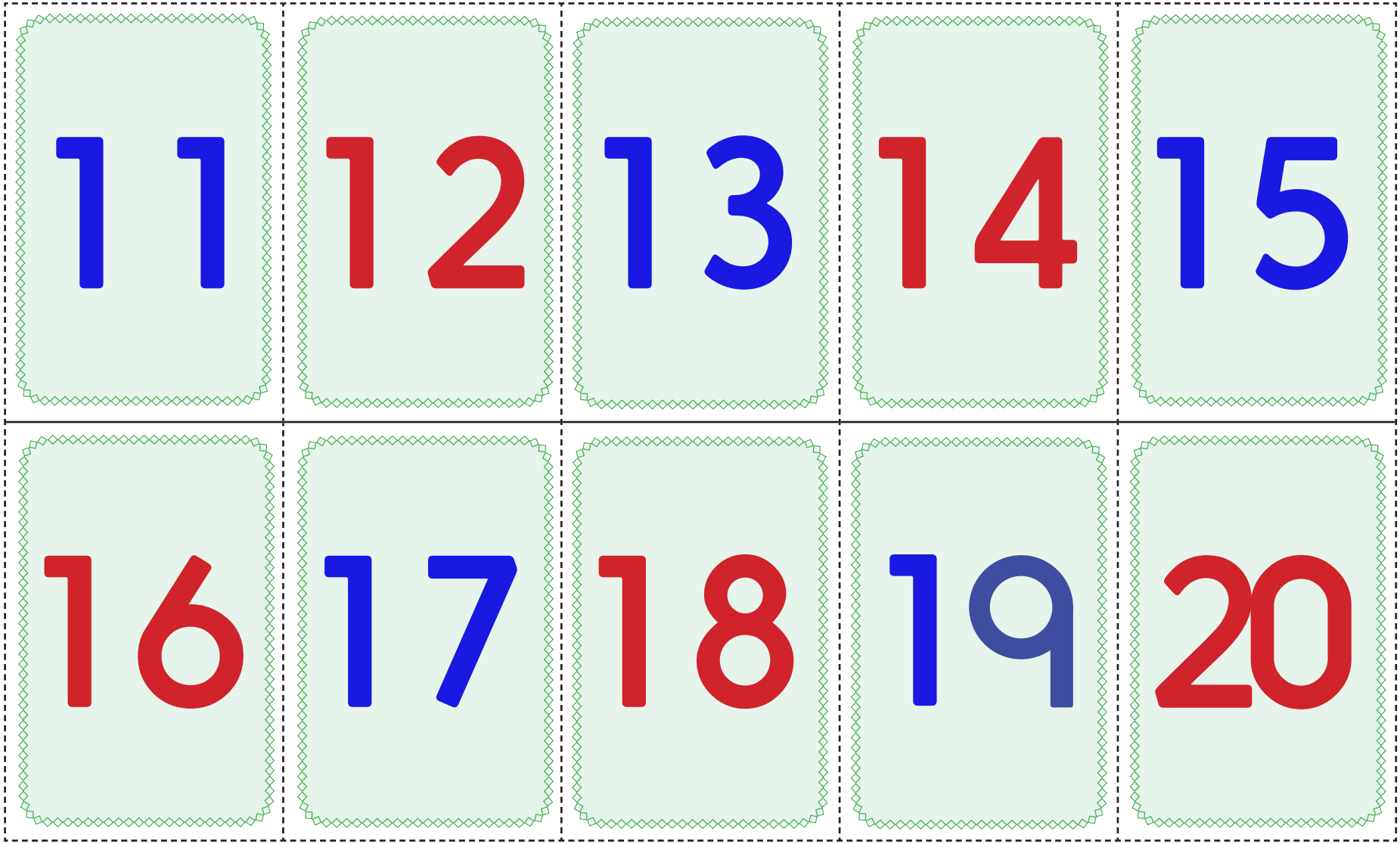

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Check your understanding

Questions

How many 10ps and 1ps in each amount?

10ps		1ps	
3	and	6	= 36p
4	and	8	= ☐ p
☐	and	2	= 52p
7	and	☐	= 70p

Fold here to hide answers

Check your understanding

Answers

How many 10ps and 1ps in each amount?

10ps		1ps	
3	and	6	= 36p
4	and	8	= **48p**
5	and	2	= 52p
7	and	**0**	= 70p

Support or check by counting out real 10p and 1p coins.

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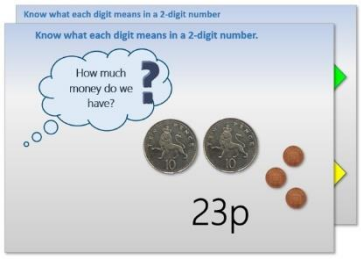
Year 1: Week 1, Day 3

Finding 1 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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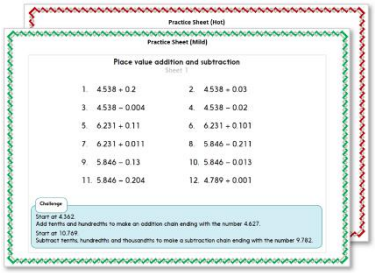
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



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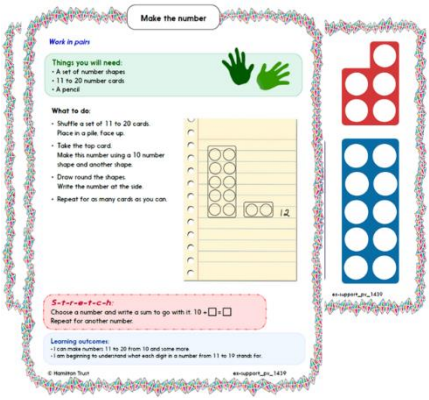
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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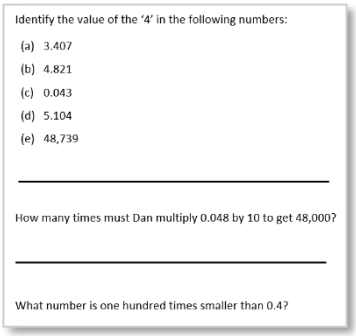
4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



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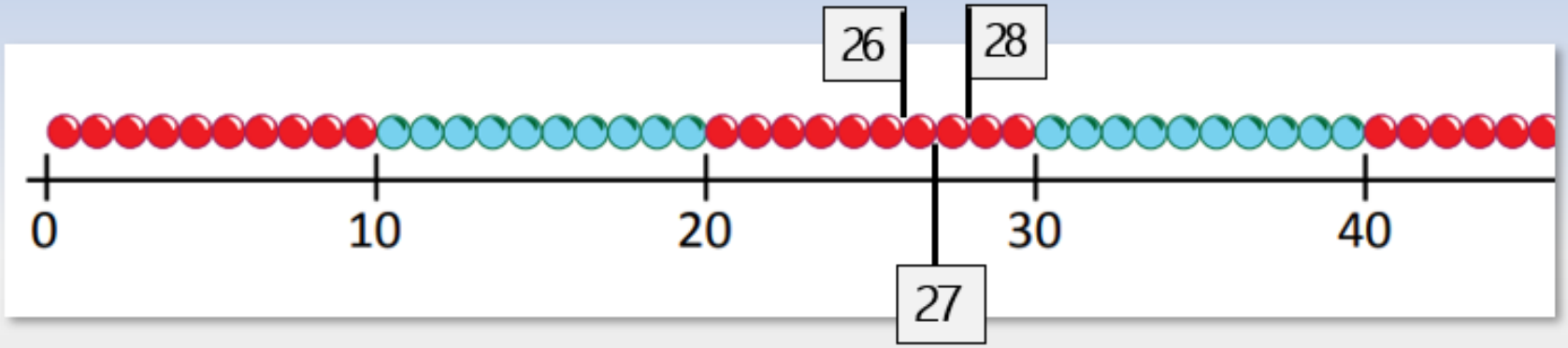
Learning Reminders

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



Look at the numbers 1 more and 1 less than 27 on the beaded line...

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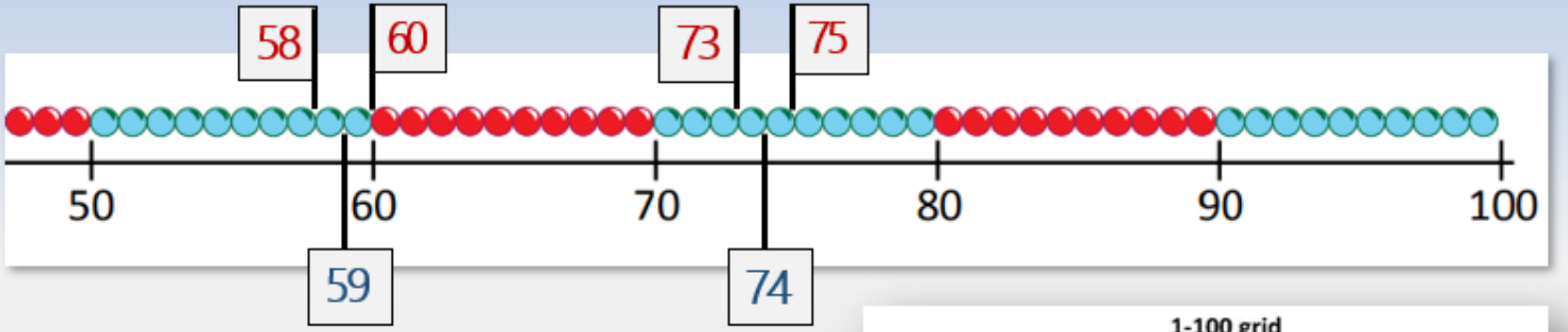
Learning Reminders

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



Find 1 more and 1 less than 59.

Find 1 more and 1 less than 74.

We can show these on the 1-100 grid too.

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

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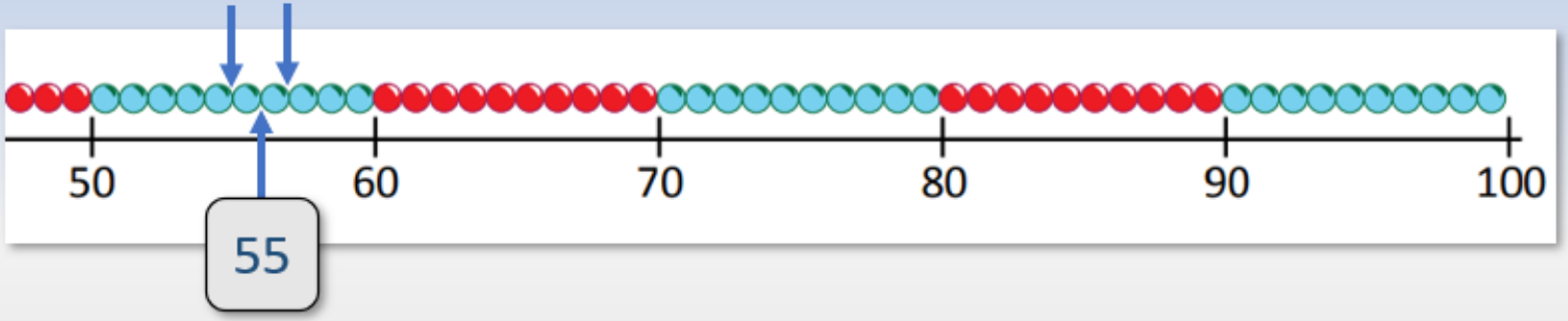
Learning Reminders

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



Let's record 1 more and 1 less using addition and subtraction number sentences...

$56 + 1 = 57$

$56 - 1 = 55$

Fill in the blanks.

____ is one more than 56

____ is one less than 56

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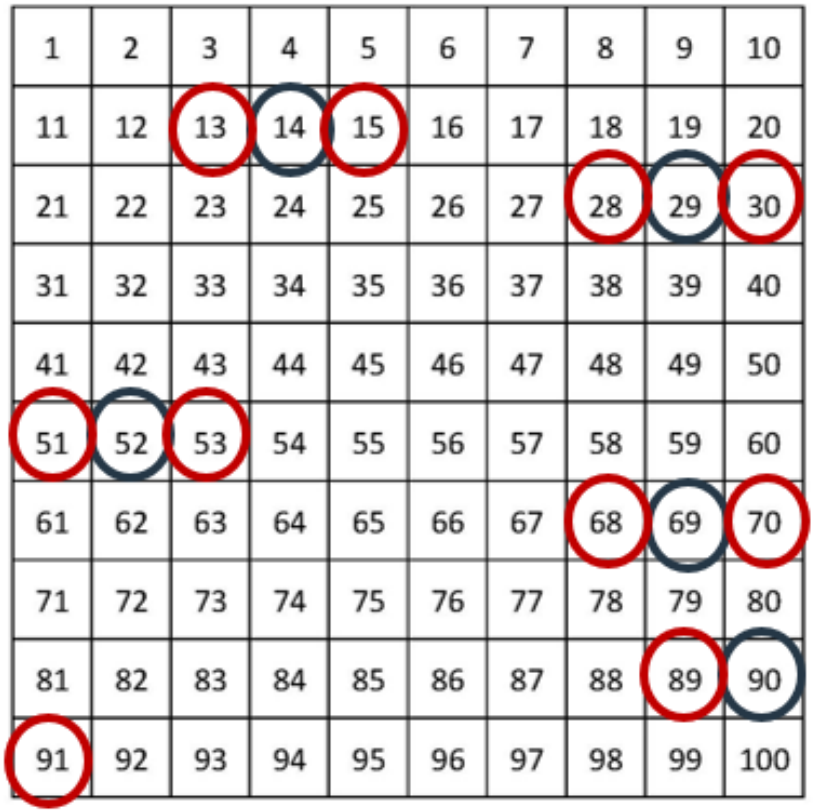
Learning Reminders

Find one more and one 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

Write a number sentence to describe the 1 more and 1 less facts shown by the ringed numbers.

14 + 1 = ___ 14 – 1 = ___

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Practice Sheet Mild (sheet 1)

One more/one less

Find one more and one less than the numbers in the middle column.
Write 5 addition and 5 subtraction number sentences to describe your choice of 1 more/1 less relationships.

One less	Number	One more
	12	
	17	
	13	
	20	
	22	
	33	
	48	
	64	
	39	
	50	
	59	
	61	

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Practice Sheet Mild (sheet 2)

Missing numbers - one more/one less

Look at the number square. There are lots of missing numbers.
Use the numbers one less and one more than the blank squares to work out what the missing numbers are (up to 60).

1	2	3		5	6	7	8	9	
11	12		14	15		17	18		20
	22	23	24	25	26	27		29	
31	32		34	35	36		38	39	40
	42	43		45	46	47	48		50
51		53	54		56	57	58	59	
61	62		64	65	66		68		
71			74	75	76	77			80
	82	83	84	85	86	87		89	
	92	93	94	95	96		98		

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Practice Sheet Hot (sheet 1)

Missing numbers - one more/one less

Find one more and one less than the numbers in the middle column.
Write 5 addition and 5 subtraction number sentences to describe your choice of 1 more/1 less relationships.

One less	Number	One more
	12	
	17	
	13	
	20	
	22	
	33	
	48	
	64	
	39	
	50	
	59	
	61	

Challenge

The number one less than the number I am thinking of is 75. What is my number?
The number one more than the number I am thinking of is 69. What is my number?
The number one less than the number I am thinking of is 29. What is my number?

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Practice Sheet Hot (sheet 2)

Missing numbers - one more/one less

Look at the number square. There are lots of missing numbers.
Use the numbers one less and one more than the blank squares to work out what the missing numbers are.

1	2	3		5	6	7	8	9	
11	12		14	15		17	18		20
	22	23	24	25	26	27		29	
31	32		34	35	36		38	39	40
	42	43		45	46	47	48		50
51		53	54		56	57	58	59	
61	62		64	65	66		68		
71			74	75	76	77			80
	82	83	84	85	86	87		89	
	92	93	94	95	96		98		

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Practice Sheets Answers

One more/one less (mild sheet 1)

One less	Number	One more
11	12	13
16	17	18
12	13	14
19	20	21
21	22	23
32	33	34
47	48	49
63	64	65
38	39	40
49	50	51
58	59	60
60	61	62

Missing numbers - one more/one less (mild sheet 2)

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		64	65	66		68		
71			74	75	76	77			80
	82	83	84	85	86	87		89	
	92	93	94	95	96		98		

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Practice Sheets Answers Continued

One more/one less (hot sheet 1)

One less	Number	One more
11	12	13
16	17	18
12	13	14
19	20	21
21	22	23
32	33	34
47	48	49
63	64	65
38	39	40
49	50	51
58	59	60
60	61	62

Challenge

The number one less than the number I am thinking of is 75. What is my number? 76
The number one more than the number I am thinking of is 69. What is my number? 68
The number one less than the number I am thinking of is 29. What is my number? 30

Missing numbers - one more/one less (hot sheet 2)

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

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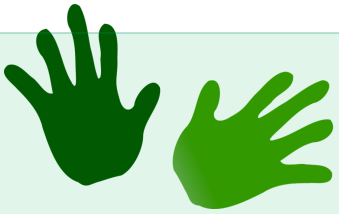
A Bit Stuck?
Tower trios

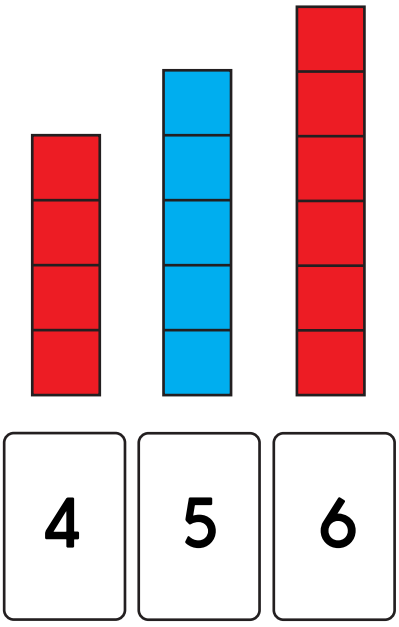
Work in pairs

Things you will need:
- Lots of cubes (e.g. sugar cubes)/lego bricks etc.
- 1 to 20 number cards



What to do:

- Pick a card. Make a tower with that number of cubes.
- Make a tower with one more cube. Find the matching number card.
- Make a tower with one less cube. Find the matching number card.
- Repeat for other towers.
- Repeat for as many cards as you can.



S-t-r-e-t-c-h:
Choose a number card. Find the number that is one more.
Find the number that is one less.

Learning outcomes:
- I can find one more and one less than numbers up to 20 using towers of cubes.
- I am beginning to say the number that is one more and one less than numbers up to 20.

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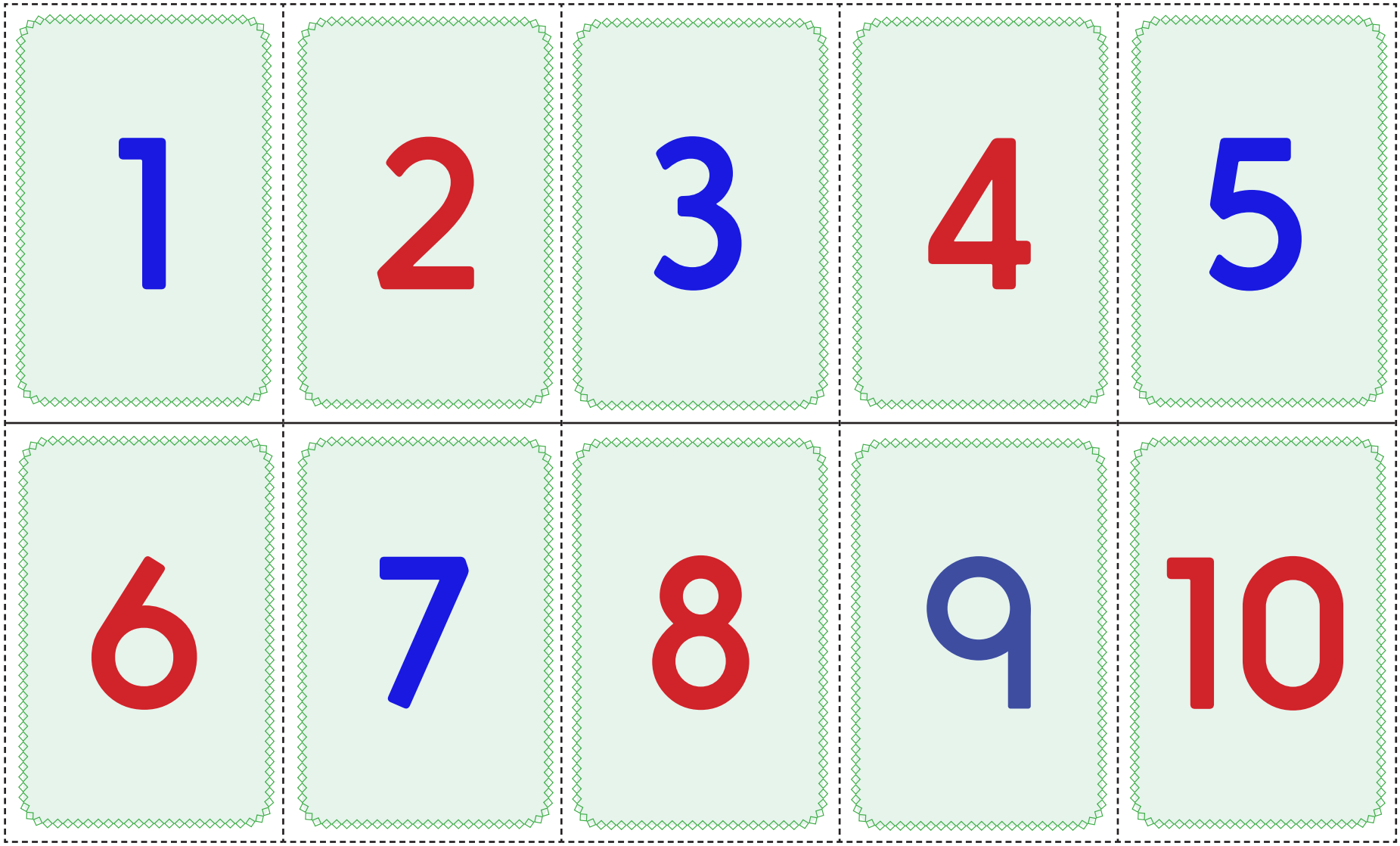

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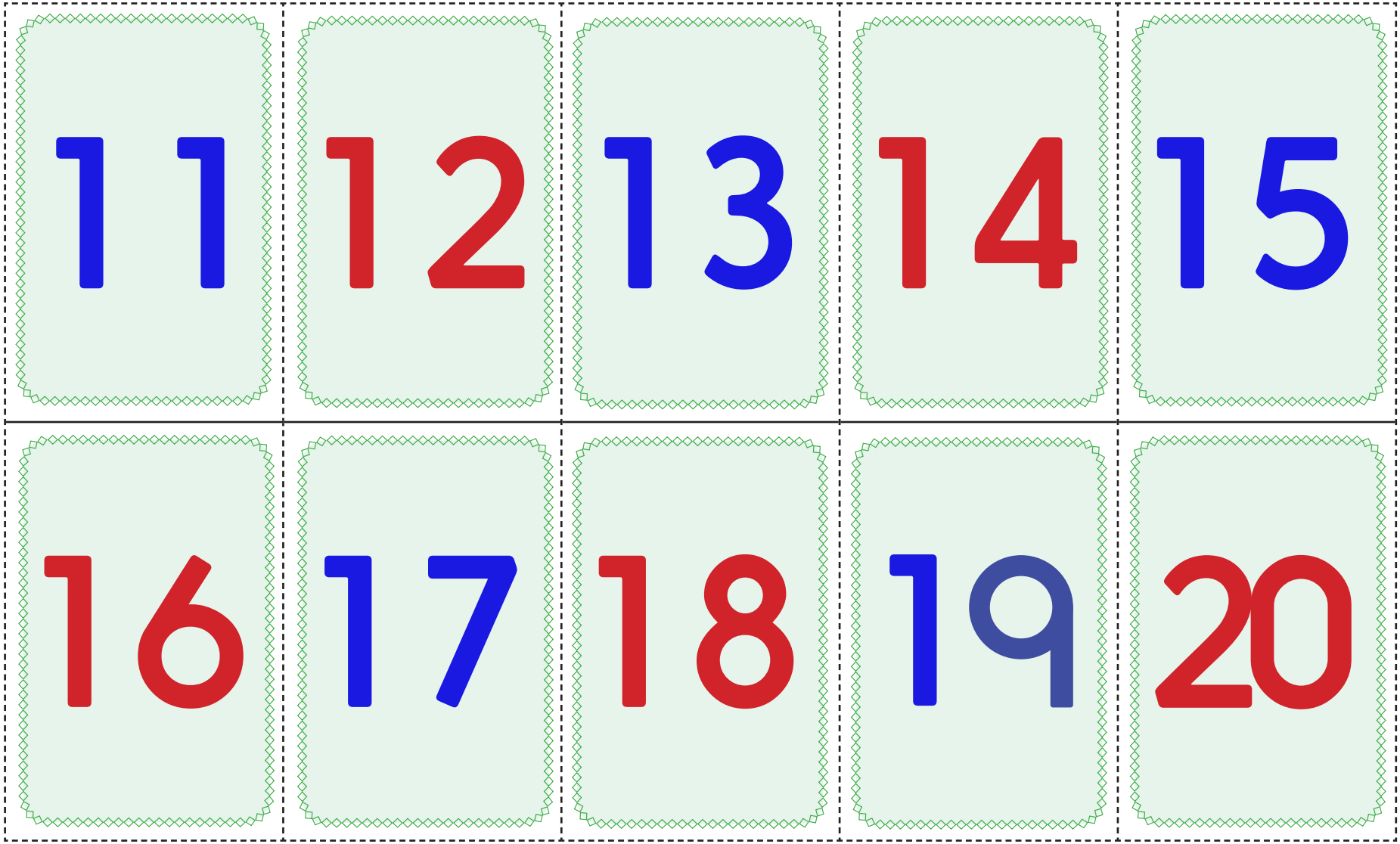

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Check your understanding

Questions

What is the number after…

(a) 46?

(b) 59?

(c) 80?

What is the number before…

(a) 81?

(b) 70?

(c) 39?

Mystery number… I add one to my number and get 75.
What is my number?

Jim takes one away from his number and gets 52.
What is Jim's number?

Fold here to hide answers

Check your understanding

Answers

What is the number after…

(a) 46? **47**

(b) 59? **60**

(c) 80? **81**

What is the number before…

(a) 81? **80**

(b) 70? **69**

(c) 39? **38**

Mystery number… I add one to my number and get 75.
What is my number? **74**

Jim takes one away from his number and gets 52.
What is Jim's number?. **53**

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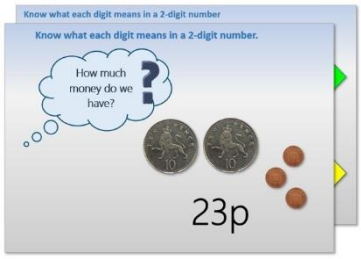
Year 1: Week 1, Day 4

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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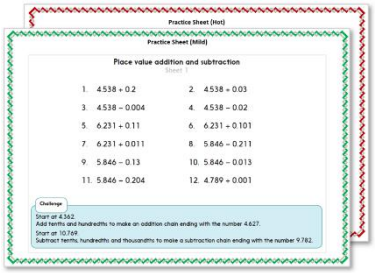

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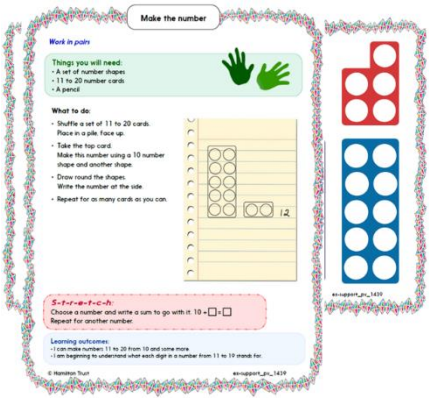

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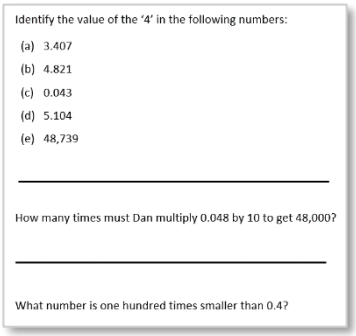
4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



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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		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...

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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...

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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		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.

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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.

←		→
←		→

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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

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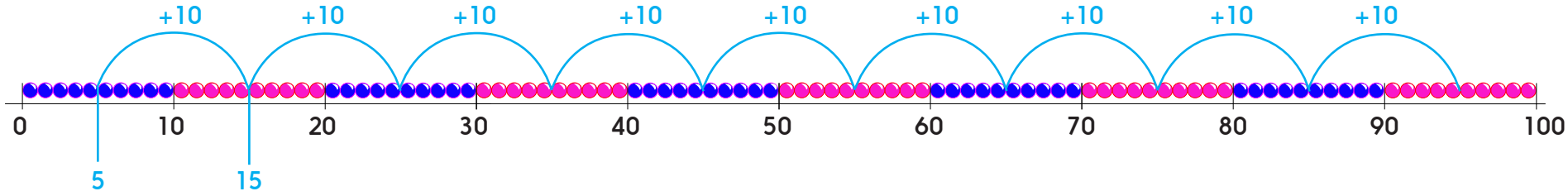
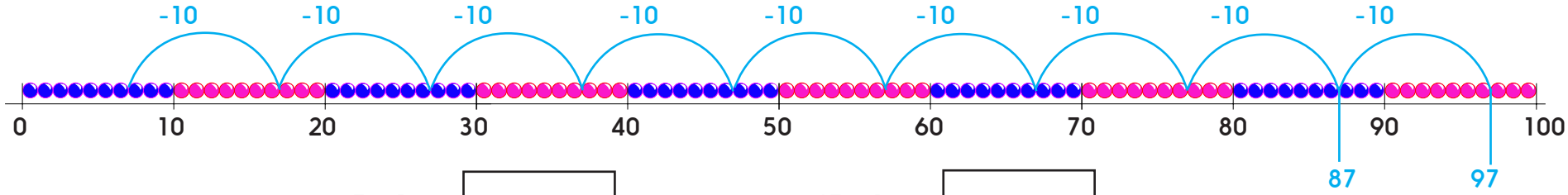
Practice Sheet - Extra Challenge

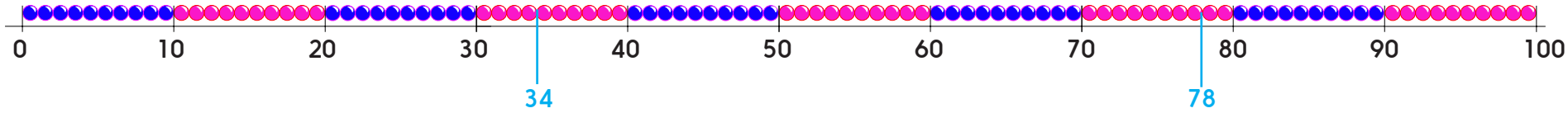
Label where each jump lands.





67 - 10 = ☐

47 - 10 = ☐



78 + 10 = ☐

34 - 10 = ☐

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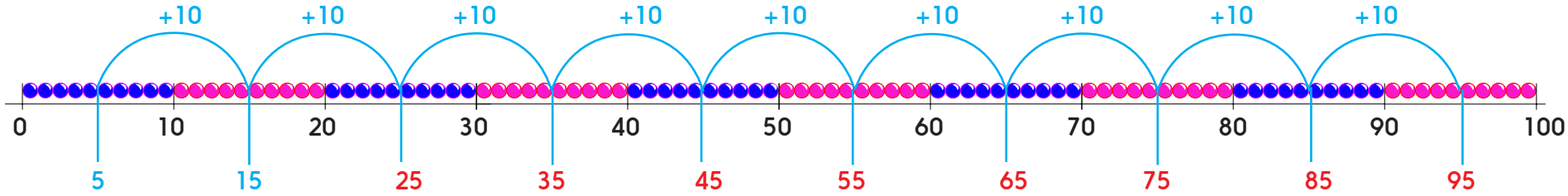
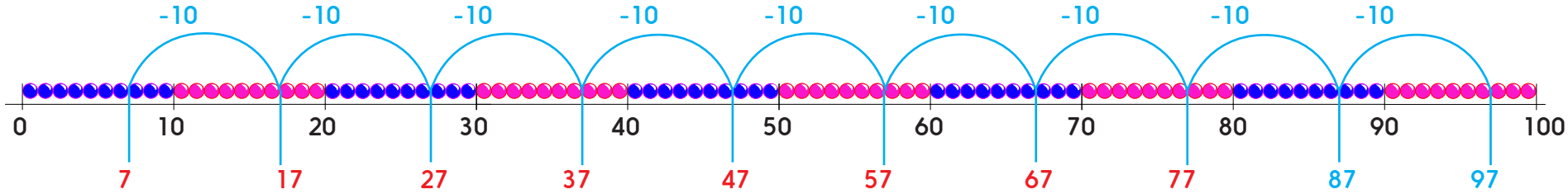
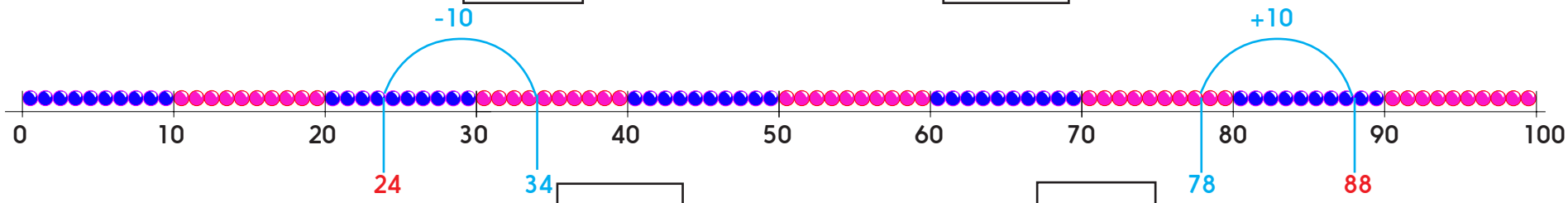
Practice Sheet - Extra Challenge
Answers





67 - 10 = **57**

47 - 10 = **37**



78 + 10 = **88**

34 - 10 = **24**

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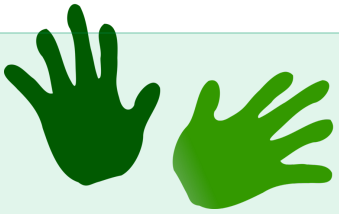
A Bit Stuck?
Spider counting

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.

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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

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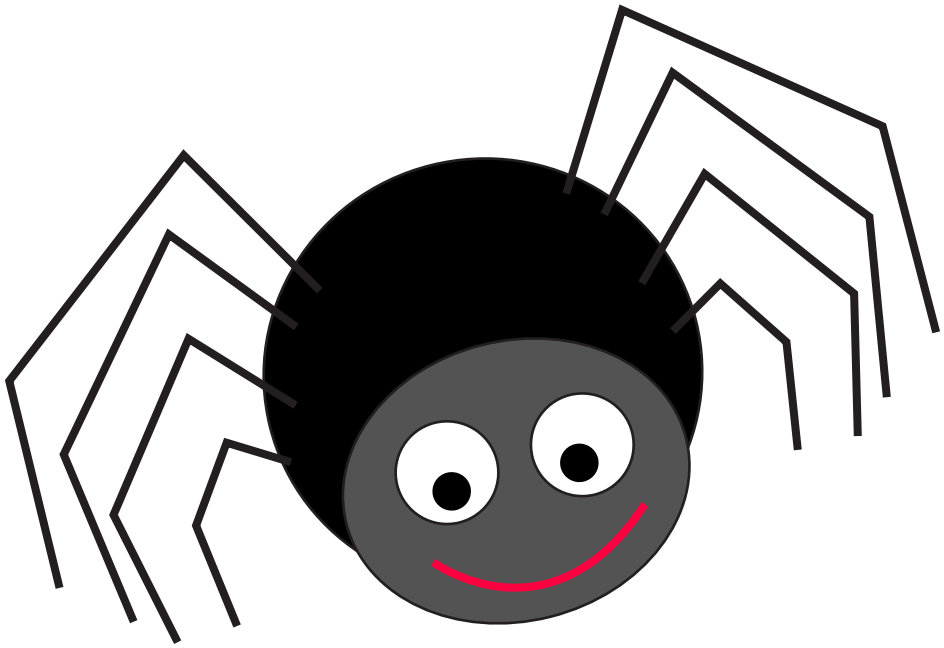
A Bit Stuck?
Spider counting



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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.

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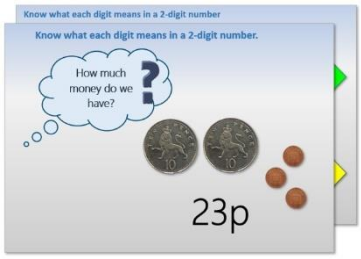
Year 1: Week 1, Day 5

Make and compare 2-digit numbers

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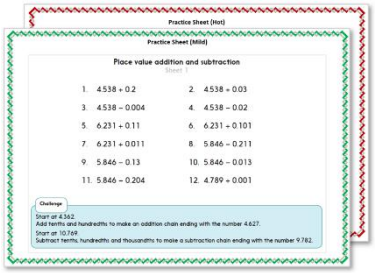
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



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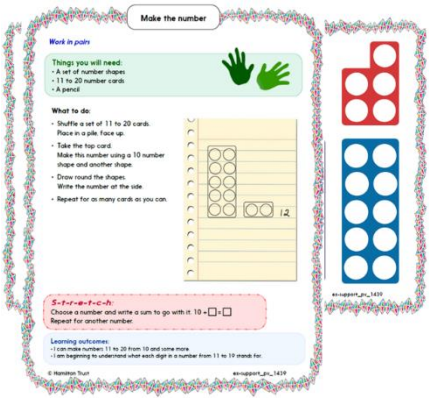
3. Finding it tricky? That's OK… have a go with a grown-up at **A Bit Stuck?**



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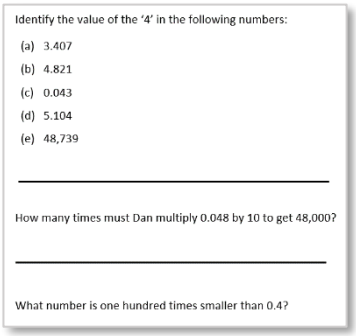
4. Have I mastered the topic? A few questions to **Check your understanding**. Fold the page to hide the answers!



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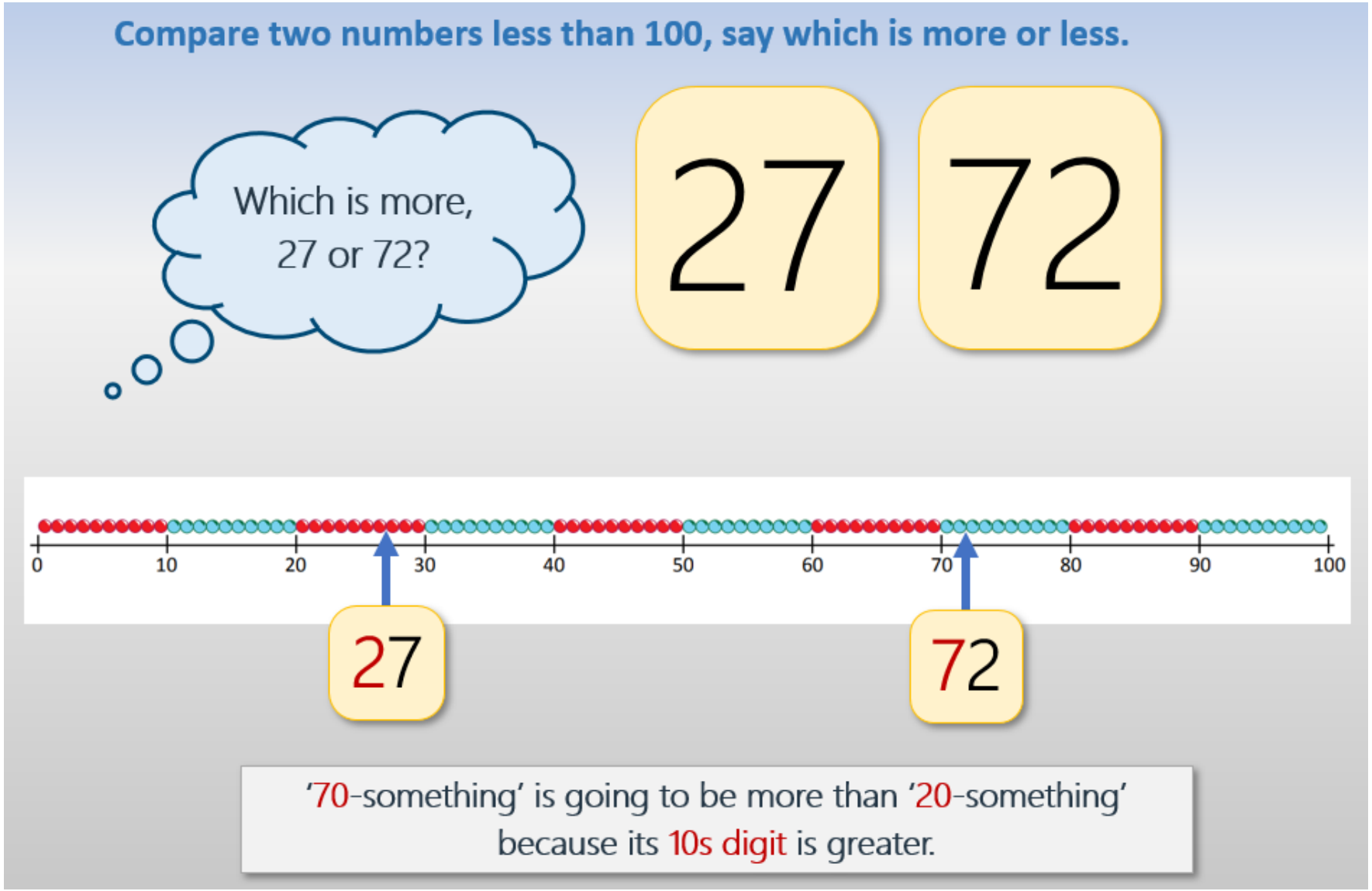
Learning Reminders



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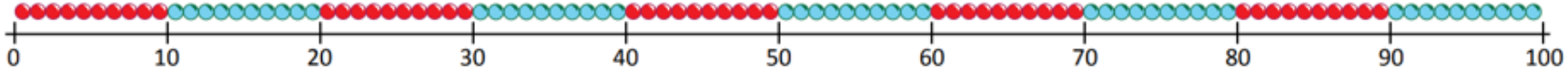
Learning Reminders

Compare two numbers less than 100, say which is more or less.

Which is more,
95 or 59?

Place them on the number line and look at the 10s digits to check...



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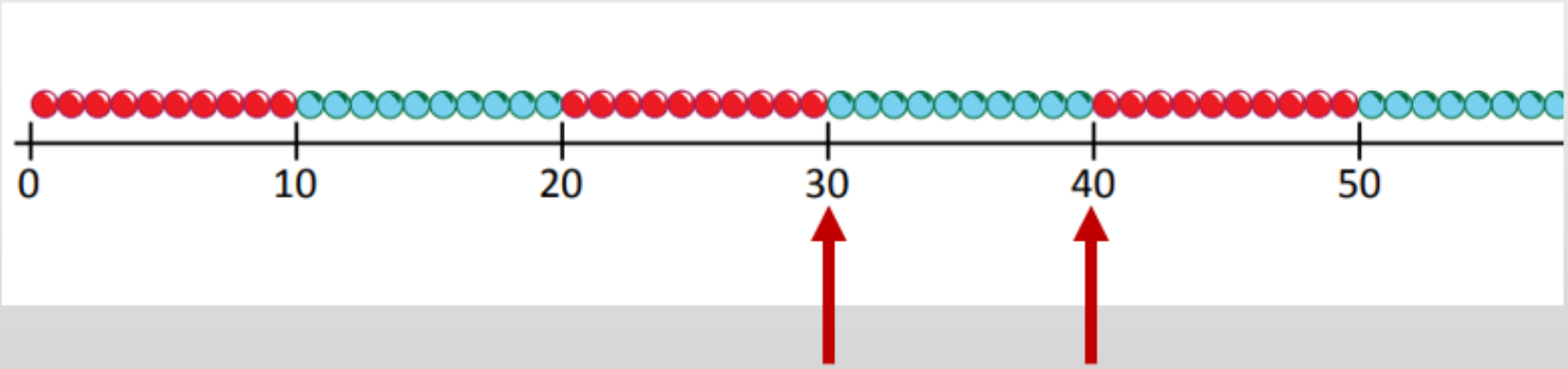
Learning Reminders

Compare two numbers less than 100, say which is more or less.

Finish this list of numbers between 30 and 40:

31, 32, …



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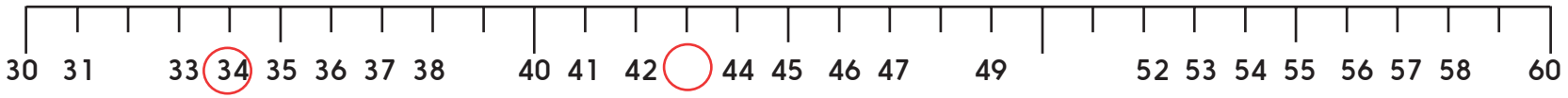
Practice Sheet Mild

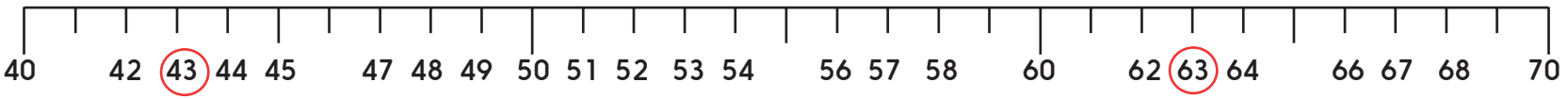
Missing numbers

1.



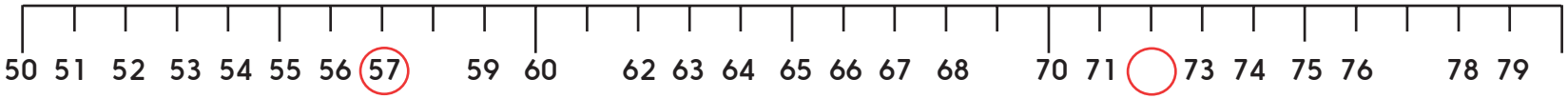
Bigger number:_____

2.



Bigger number:_____

3.



Bigger number:_____

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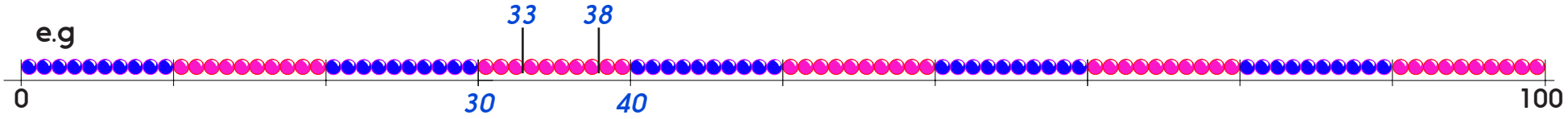
Practice Sheet Hot

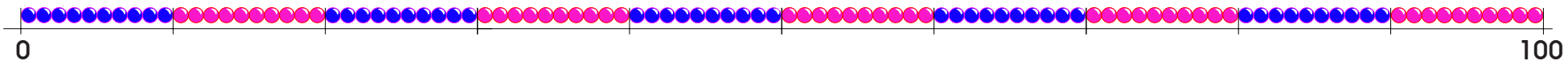
In between numbers

Find the two numbers on each beaded line. Write them in the correct place.
Mark two numbers between them.

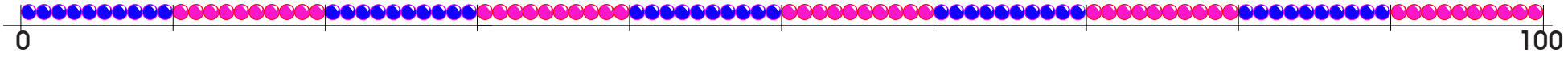
e.g



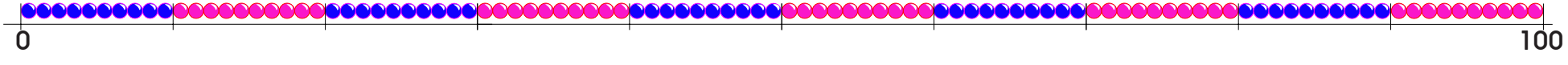
30 and 40.



60 and 70.



80 and 90.



40 and 50.

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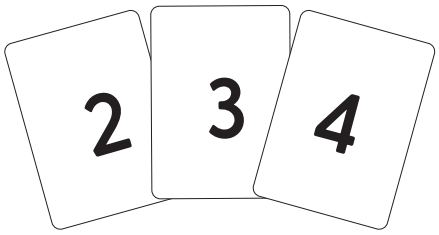
Extra Practice Sheet for All

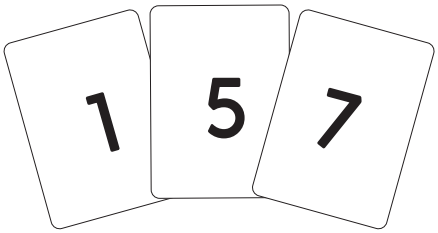
Making numbers

Look at the numbers on the cards.
Can you make 3 different 2-digit numbers using the cards?
Circle the biggest number you have made.

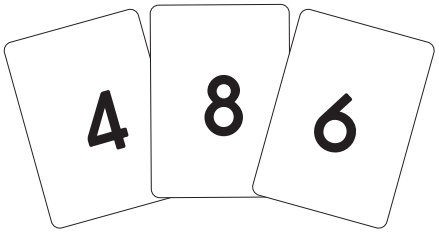
1.



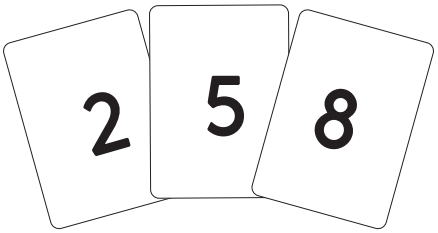
2.



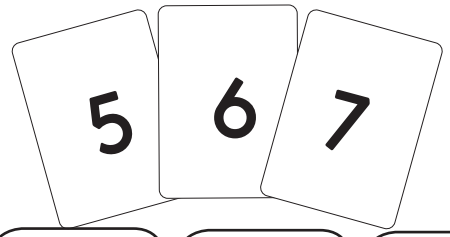
3.



4.



5.



6.

Challenge

1. Using these cards make 2 numbers that are less than 60 but more than 50.

2. Using these cards make 2 numbers that are less than 85 but more than 65

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Practice Sheets Answers

Missing numbers (mild)

1.

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

Bigger number 43

2.

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

Bigger number 63

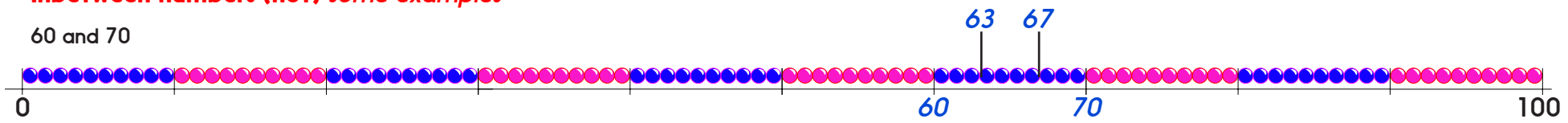
3.

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

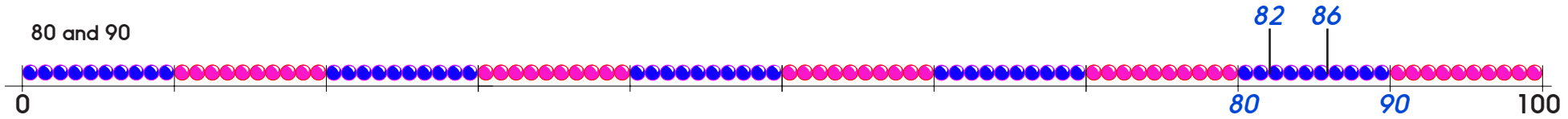
Bigger number 72

Inbetween numbers (hot) *some examples*

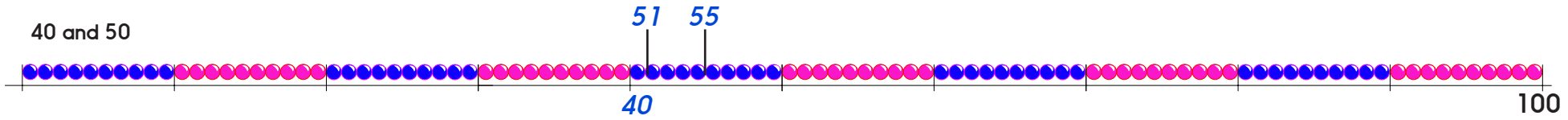
60 and 70



80 and 90



40 and 50



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Practice Sheets Answers Continued

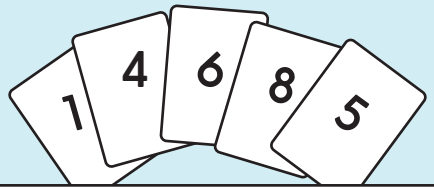
Making numbers (Extra practice for all)

Children's answers should be two including the biggest number from the following:

1.	234	243	342	324	423	**432**
2.	157	175	517	571	715	**751**
3.	486	468	846	**864**	648	684
4.	258	285	528	582	825	**852**
5.	567	576	657	675	756	**765**
6.	**962**	926	692	629	296	269

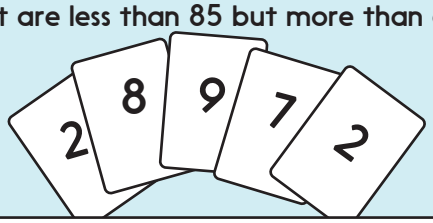
Challenge

1. Using these cards make 2 numbers that are less than 60 but more than 50.



e.g. 58, 56, 54, 51

2. Using these cards make 2 numbers that are less than 85 but more than 65



e.g. 72, 79, 79, 82

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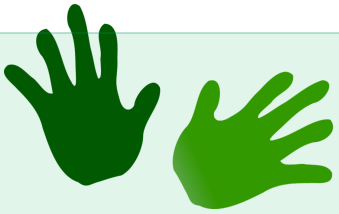
A Bit Stuck?
Beady numbers

Work in pairs

Things you will need:
- 11-20 number cards
- 0-20 beaded line
- Counters (or similar)



What to do:

- Shuffle a set of 11 to 20 cards. Place in a pile, face up.
- Each person takes a card. Show that number on your beaded line.
- Who has the bigger number? They win a counter.
- Repeat until all cards are gone.
- Who won most rounds? Count the counters to check.

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

Write two numbers which are more than 15.
Next, write two numbers which are less than 15.

Learning outcomes:
- I can compare pairs of numbers from 11 to 20 using bead strings.
- I am beginning to say a number which is more or less than a number up to 20.

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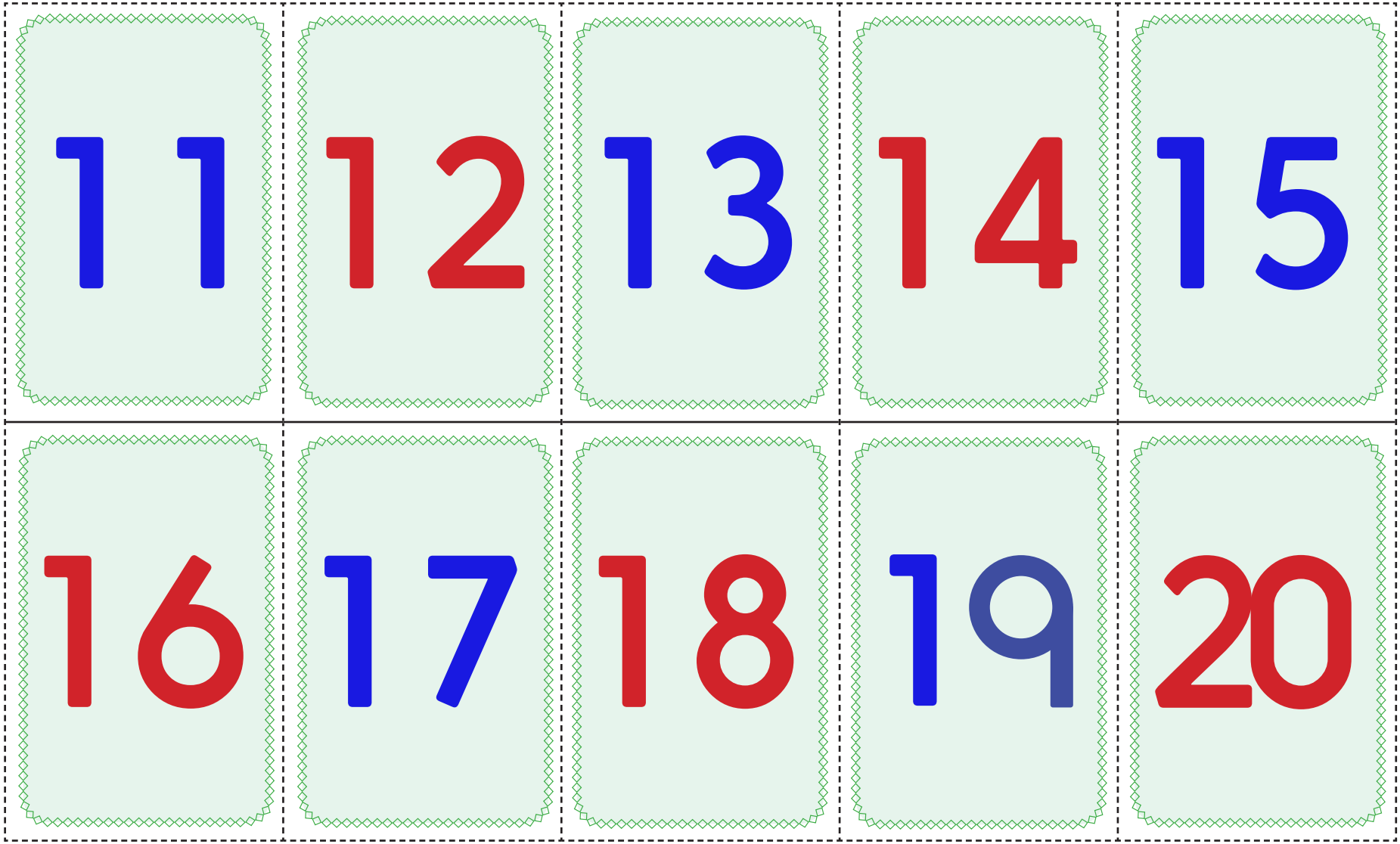

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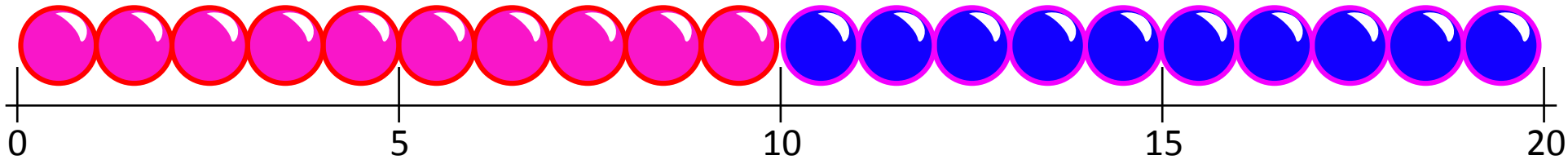
Beaded number line



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Check your understanding

Questions

Circle the greater number in each pair:

41 14 53 35 19 90 68 96

Write a number between…

20		**30**
40		**50**
45		**55**
76		**82**

Fold here to hide answers

Check your understanding

Answers

Circle the greater number in each pair:

41 14 53 35 19 90 68 96

Write a number between…

20		**30**

Any 2-digit number beginning 2, e.g. 23.

40		**50**

Any 2-digit number beginning 4, e.g. 45.

45		**55**

Any 2-digit number from 46 to 54 inclusive.

76		**82**

Any 2-digit number from 77 to 81 inclusive.

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