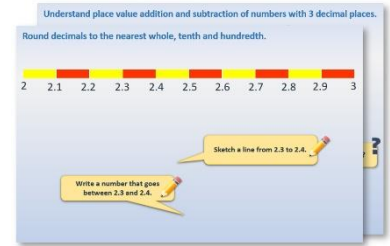


# Year 1: Week 4, Day 3

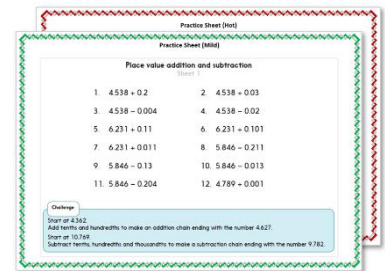
## Subtract 10s from 2-digit numbers

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

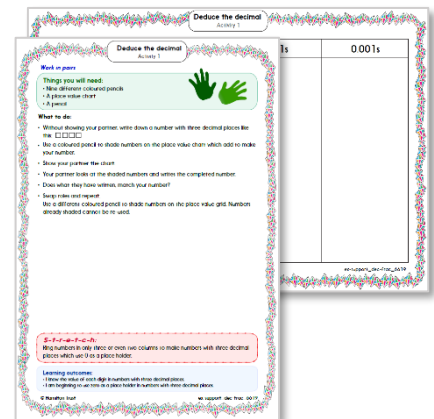
- Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



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



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



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

Identify the value of the '4' in the following numbers:

(a) 3.407  
 (b) 4.821  
 (c) 0.043  
 (d) 5.104  
 (e) 48,739

---

How many times must Dan multiply 0.048 by 10 to get 48,000?


---

What number is one hundred times smaller than 0.4?

## Learning Reminders

Subtract 10s from a 2-digit number.

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		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

We know that Spider moves down the grid to add 10s.

Which way does Spider move to subtract 10s?



$$48 - 20 =$$

## Learning Reminders

Subtract 10s from a 2-digit number.

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

Spider is on 48 but we want to subtract 20. She moves up the grid in 10s.

$$48 - 20 = 28$$

## Learning Reminders

Subtract 10s from a 2-digit number.

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

Now Spider is going to subtract 30. She moves three 10s up the grid. Where will she land?

$$46 - 30 = 16$$

## Practice Sheet Mild

### Subtracting tens

What number is missing in these calculations?

For example:

$$30 - ? = 20$$

$$? = 10, \text{ so } 30 - (10) = 20.$$

1.  $50 - ? = 30$

$$50 - \boxed{\phantom{00}} = 30$$

2.  $60 - ? = 50$

$$60 - \boxed{\phantom{00}} = 50$$

3.  $80 - ? = 60$

$$80 - \boxed{\phantom{00}} = 60$$

4.  $40 - ? = 20$

$$40 - \boxed{\phantom{00}} = 20$$

5.  $60 - ? = 30$

$$60 - \boxed{\phantom{00}} = 30$$

6.  $70 - ? = 40$

$$70 - \boxed{\phantom{00}} = 40$$

7.  $53 - ? = 33$

$$53 - \boxed{\phantom{00}} = 33$$

8.  $65 - ? = 35$

$$65 - \boxed{\phantom{00}} = 35$$

## Practice Sheet Hot

### Subtracting tens

What number is missing in these calculations?

For example,  $68 - ? = 48$   
 $? = 20$ , so  $68 - 20 = 48$ .

1.  $67 - ? = 57$

$$67 - \square = 57$$

2.  $55 - ? = 35$

$$55 - \square = 35$$

3.  $92 - ? = 72$

$$92 - \square = 72$$

4.  $89 - ? = 49$

$$89 - \square = 49$$

5.  $38 - ? = 18$

$$38 - \square = 18$$

6.  $99 - ? = 59$

$$99 - \square = 59$$

7.  $81 - ? = 31$

$$81 - \square = 31$$

8.  $77 - ? = 27$

$$77 - \square = 27$$

**Practice Sheets**  
**0-100 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
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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

# Practice Sheets Answers

## Subtracting tens (mild)

1.  $50 - 20 = 30$
2.  $60 - 10 = 50$
3.  $80 - 20 = 60$
4.  $40 - 20 = 20$
5.  $60 - 30 = 30$
6.  $70 - 30 = 40$
7.  $53 - 23 = 30$
8.  $65 - 25 = 40$

## Subtracting tens (hot)

1.  $67 - 10 = 57$
2.  $55 - 20 = 35$
3.  $92 - 20 = 72$
4.  $89 - 40 = 49$
5.  $38 - 20 = 18$
6.  $99 - 40 = 59$
7.  $81 - 50 = 31$
8.  $77 - 50 = 27$

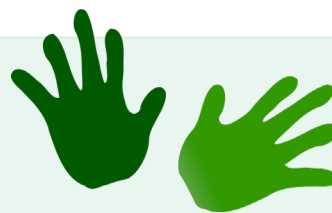


## A Bit Stuck? Spider subtracts

*Work in pairs*

### Things you will need:

- A 1-100 grid
- A spider
- Spider subtractions
- A pencil



### What to do:

- Choose a Spider subtraction.
- Place Spider on the first number.
- Use Spider to subtract 10. Write the answer.
- Repeat for as many subtractions as you can.

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

$35 + 10 = \square$

$45 - 10 = \square$

$27 + 10 = \square$

$37 - 10 = \square$

### Learning outcomes:

- I can use Spider to subtract 10 from 2-digit numbers.
- I am beginning to see how subtraction is the opposite of addition.

**A Bit Stuck?**  
**Spider subtracts**

$26 - 10 =$

$29 - 10 =$

$30 - 10 =$

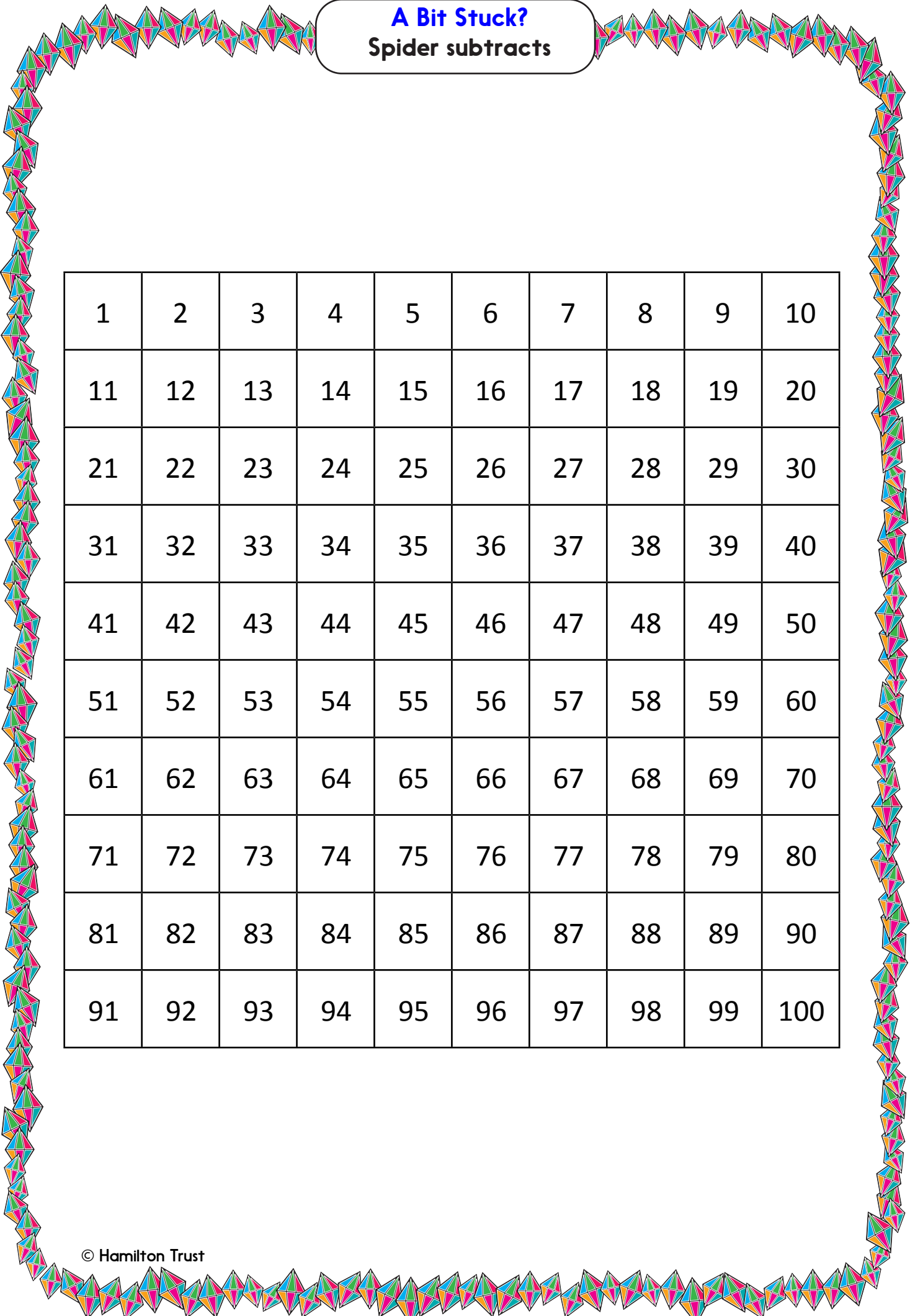
$32 - 10 =$

$40 - 10 =$

$48 - 10 =$

$43 - 10 =$

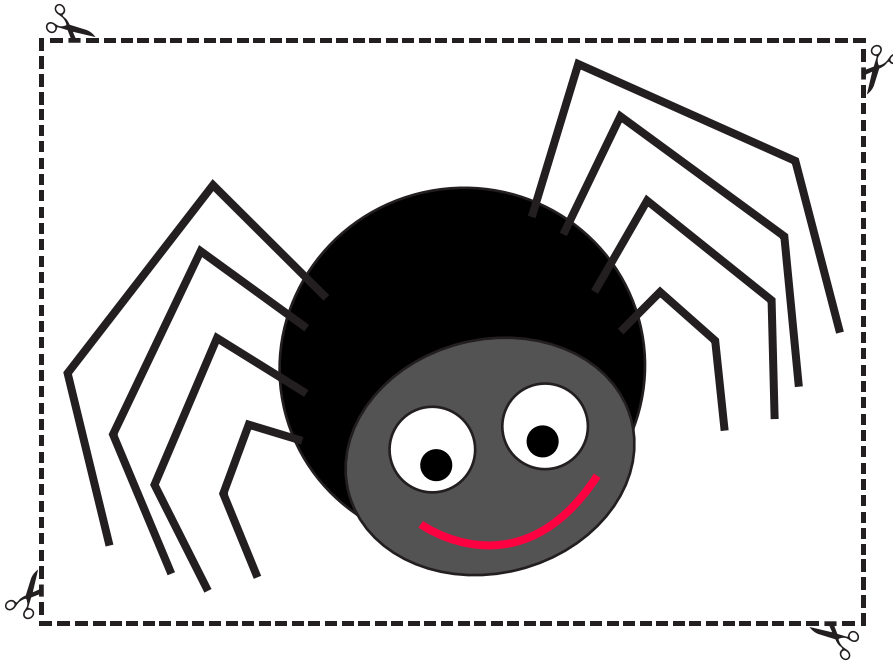
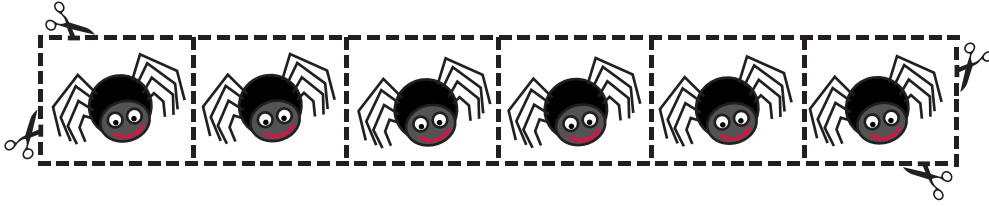
$95 - 10 =$



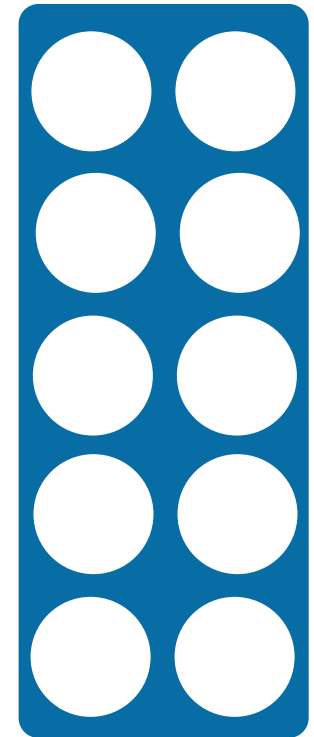
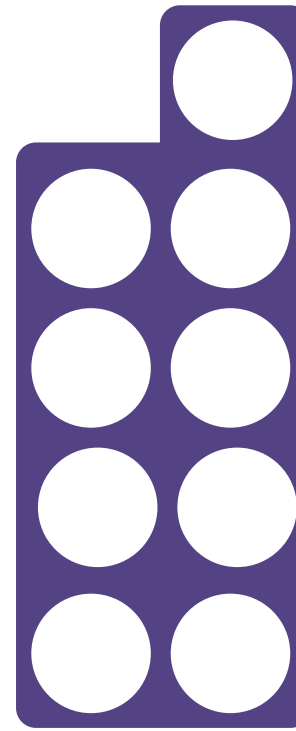
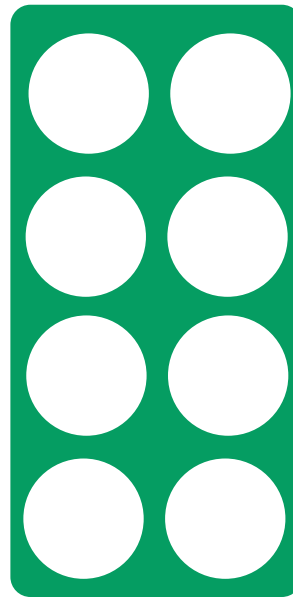
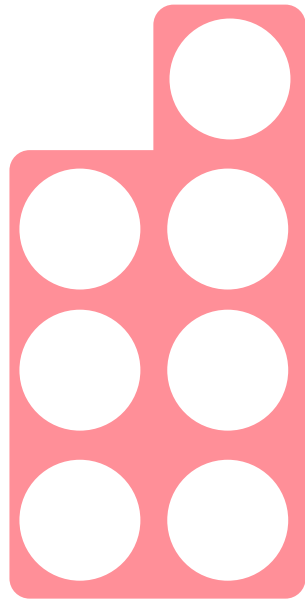
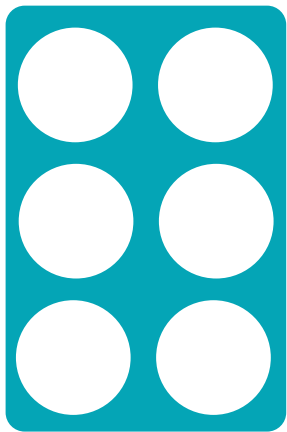
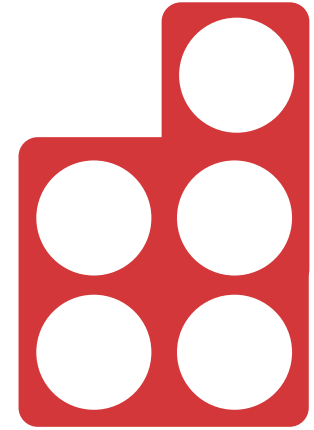
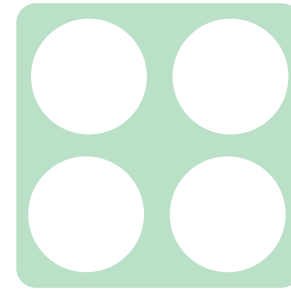
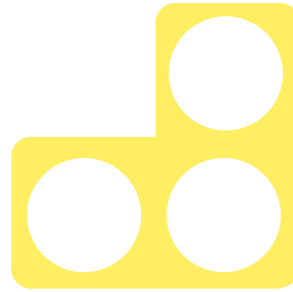
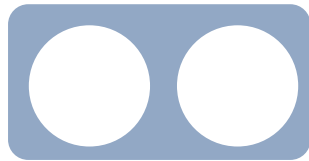
**A Bit Stuck?**  
**Spider subtracts**

1	2	3	4	5	6	7	8	9	10
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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

**A Bit Stuck?**  
**Spider subtracts**



**A Bit Stuck?**  
**Spider subtracts**



## Check your understanding

### Questions

Write the number 20 less than...

35

95

66

21

---

Start at 82.

Count back 10 three times. What is your answer?

Fold here to hide answers

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## Check your understanding

### Answers

Write the number 20 less than...

35 15

95 75

66 46

21 1

Answers such as 25, 85, 56 and 11 may be the result of counting back two 10s but counting the initial number as the first 10.

Other errors are possible if children attempt to count back in 1s.

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Start at 82.

Count back 10 three times. What is your answer? 52.