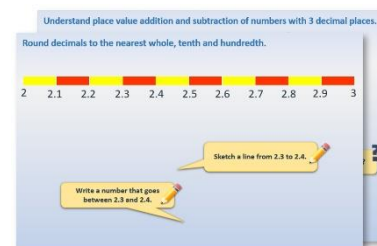


Week 9, Day 2

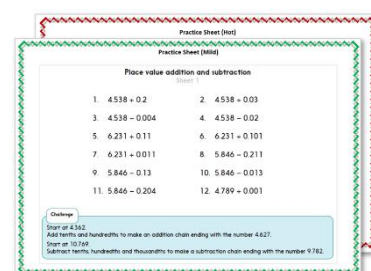
Count back to subtract (1)

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

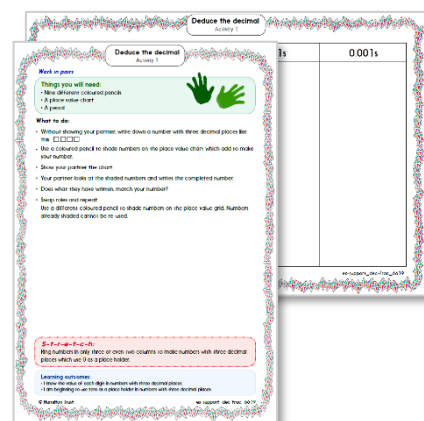
1. Start by reading through the **Learning Reminders**. They come from our *PowerPoint* slides.



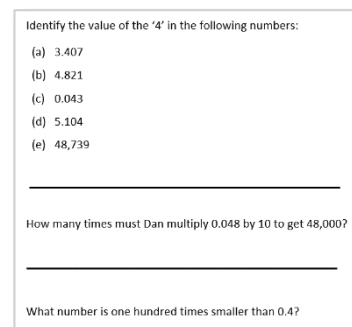
2. Tackle the questions on the **Practice Sheet**. There might be a choice of either **Mild** (easier) or **Hot** (harder)! Check the answers.



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



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



Learning Reminders

Subtract pairs of 2-digit numbers by counting back.



How could we work out
65 subtract 24?
Do we need to count back in ones?
What number facts can help?

We can count back
20 in 10s, and then
subtract 4.

Count back two 10s
from 65...
... **55, 45.**

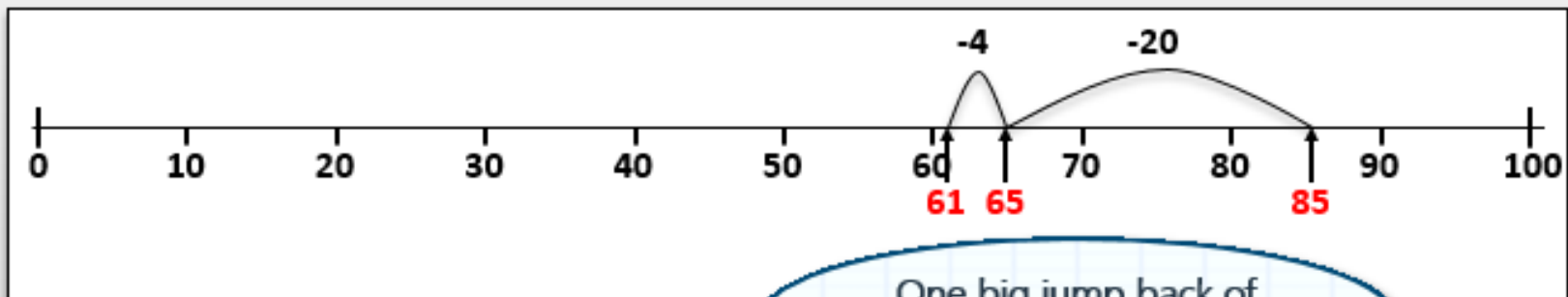
We know $5 - 4$ is 1,
so **$45 - 4$ is 41.**

Learning Reminders

Subtract pairs of 2-digit numbers by counting back.

That was a lot to remember so let's try $85 - 24$ on a number line.

Mark **85** on the number line.



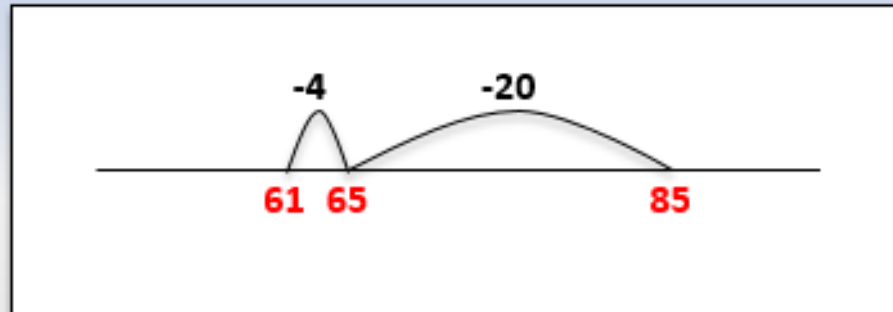
One big jump back of **20** to **65**...

... and hop **back 4** more.

$$85 - 24 = 61$$

Learning Reminders

Subtract pairs of 2-digit numbers by counting back; Begin to use empty number line jottings to support calculation.



We can also show that as a jotting on an **empty number line**.

Draw a line and mark **85**.



Draw a **jump back of 20** and mark on **65**.

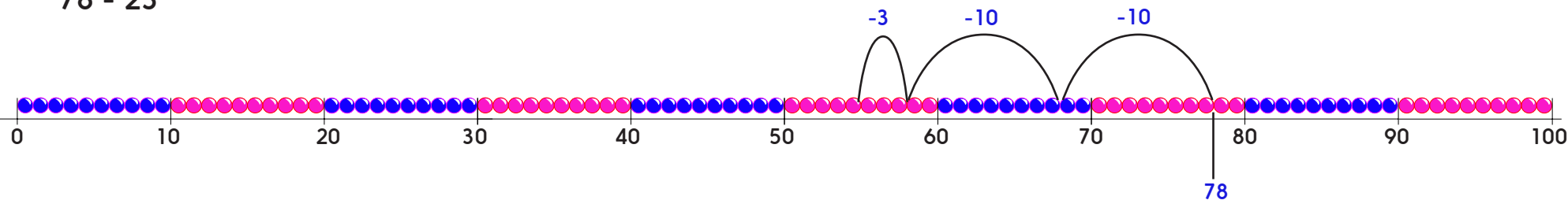
Then a **smaller jump back of 4** and mark on **61**.

$$85 - 24 = 61$$

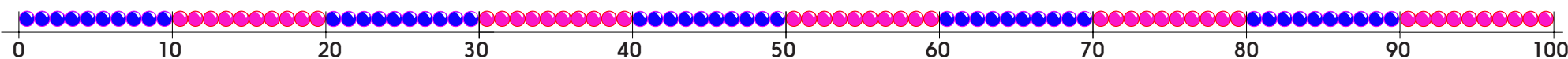
Practice Sheet Mild 1

Subtracting 2-digit numbers

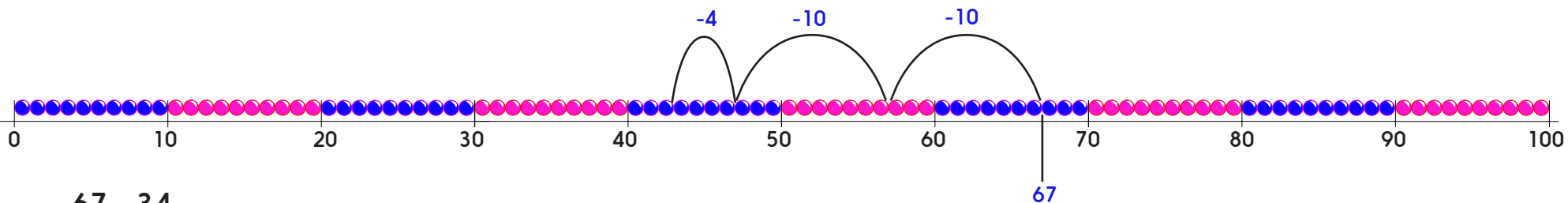
$$78 - 23$$



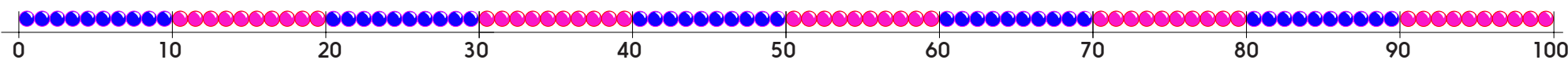
$$78 - 33$$



$$67 - 24$$



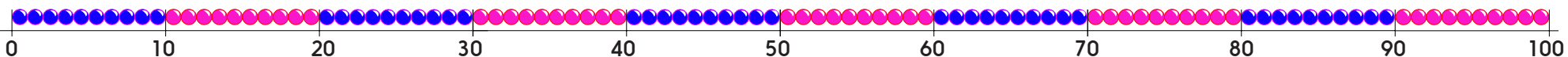
$$67 - 34$$



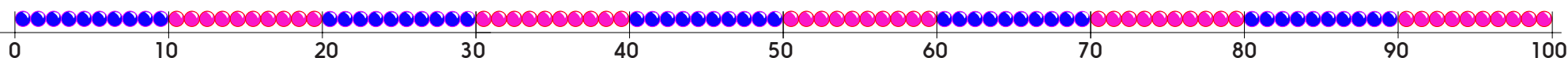
Practice Sheet Mild 2

Subtracting 2-digit numbers

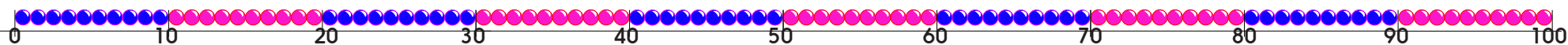
$$56 - 22$$



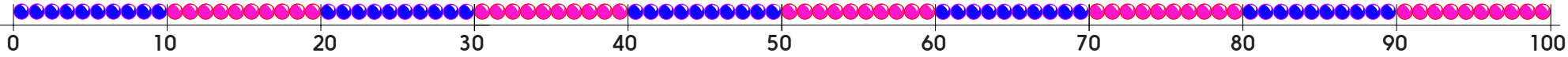
$$56 - 32$$



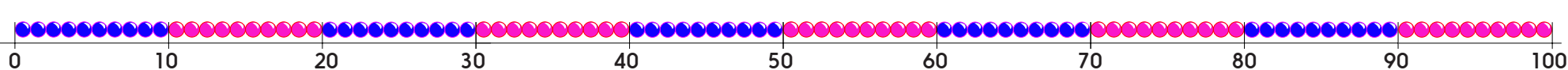
$$98 - 25$$



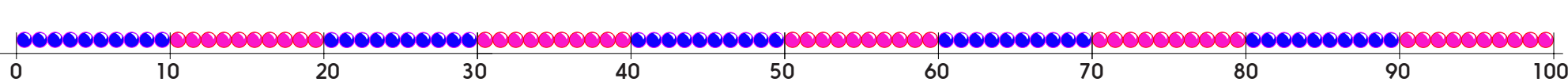
$$98 - 35$$



$$95 - 42$$



$$79 - 24$$



Practice Sheet Hot

Subtracting two-digit numbers

Work out the following calculations recording your jottings on a landmarked number line or your own 'empty' number line..

$$78 - 23$$

$$78 - 33$$

$$67 - 24$$

$$67 - 34$$

$$56 - 22$$

$$56 - 32$$

$$98 - 25$$

$$98 - 35$$

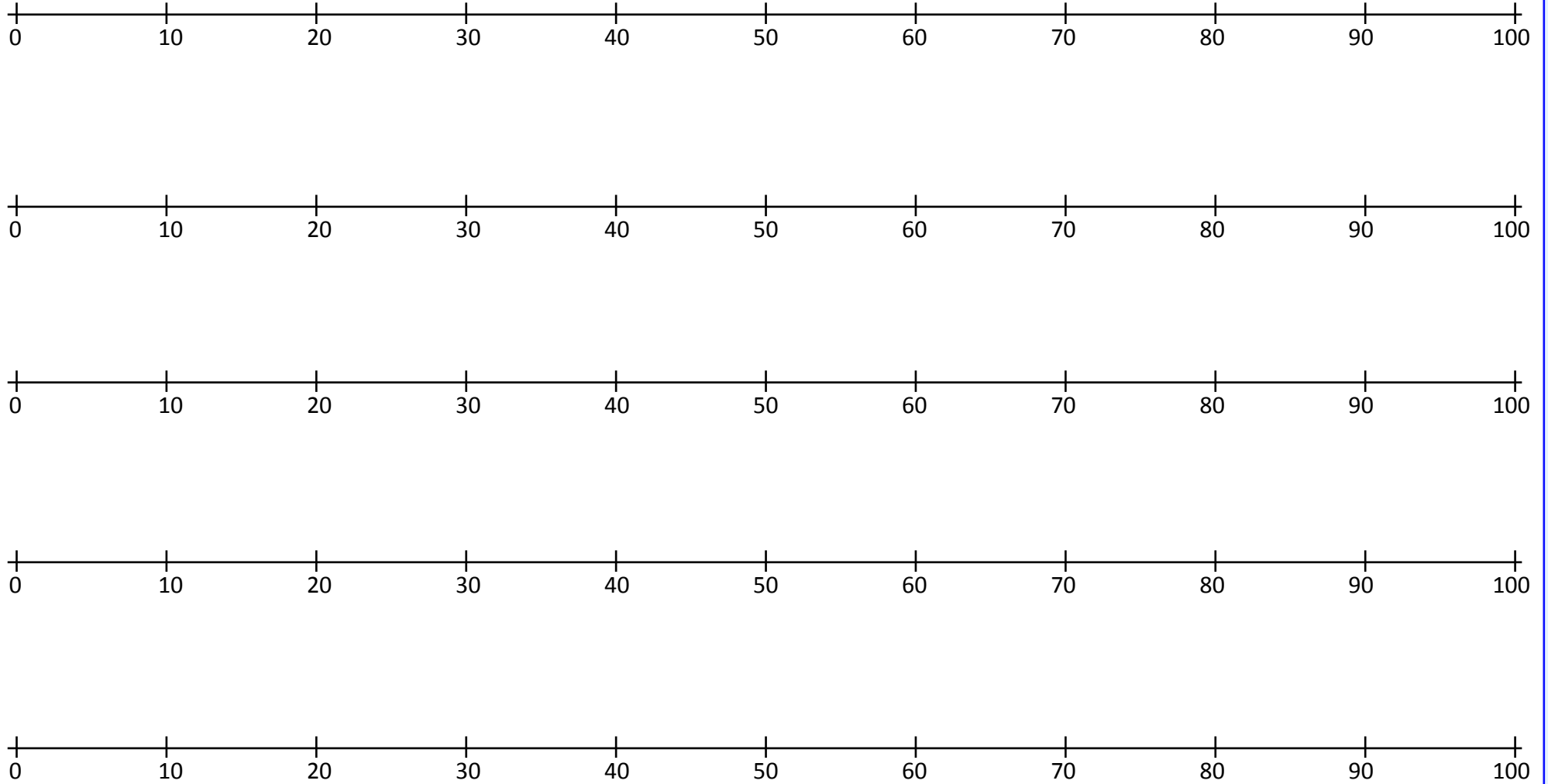
$$95 - 42$$

$$79 - 24$$

Challenge

Write some of your own subtraction calculations that have an answer between 40 and 60.

0 - 100 landmarked lines



Practice Sheets Answers

Subtracting 2-digit numbers (mild 1)

$$78 - 23 = 55$$

$$78 - 33 = 45$$

$$67 - 24 = 43$$

$$67 - 34 = 33$$

Subtracting 2-digit numbers (mild 2)

$$56 - 22 = 34$$

$$56 - 32 = 24$$

$$98 - 25 = 73$$

$$98 - 35 = 63$$

$$95 - 42 = 53$$

$$79 - 24 = 55$$

Subtracting 2-digit numbers (hot)

$$78 - 23 = 55$$

$$78 - 33 = 45$$

$$67 - 24 = 43$$

$$67 - 34 = 33$$

$$56 - 22 = 34$$

$$56 - 32 = 24$$

$$98 - 25 = 73$$

$$98 - 35 = 63$$

$$95 - 42 = 53$$

$$79 - 24 = 55$$

A Bit Stuck?

Spot the pattern

What to do:

- What is $6 - 3$? Use this answer to work out the answer to as many of these subtractions as you can!
- Keep going. How many gaps can you fill in?

$$\begin{array}{rcl} 6 - 3 & = & \square \\ 16 - 3 & = & \square \\ 26 - 3 & = & \square \\ 36 - 3 & = & \square \\ 46 - 3 & = & \square \\ 56 - 3 & = & \square \\ 66 - 3 & = & \square \\ 76 - 3 & = & \square \\ 86 - 3 & = & \square \\ 96 - 3 & = & \square \end{array}$$



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

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

What is $7 - 3$?

Use this to work out $37 - 3$, $57 - 3$ and $87 - 3$.

Learning outcomes:

- I can use number facts and patterns to subtract 1-digit numbers from 2-digit numbers, e.g. $6 - 3$, $16 - 3$, $26 - 3$, $36 - 3$... $96 - 3$, with the help of a bead bar or 1-100 grid.
- I am beginning to use number facts and patterns to subtract 1-digit numbers from 2-digit numbers, e.g. use $7 - 3$ to work out $37 - 3$, $57 - 3$ and $87 - 3$.

Check your understanding

Questions

Write the steps in this subtraction to help Zoe.

$$56 - 34$$

Count back in tens: 56, ____, ____, ____

Subtract 4: ____

Complete this subtraction grid, taking the smaller from the larger number.

–	47	89
34		55
26		

Mark Jo's homework. Write the correct answers.

$$75 - 23 = 98$$

$$86 - 32 = 55$$

$$67 - 24 = 43$$

$$64 - 42 = 20$$

Fold here to hide answers

Check your understanding

Answers

Write the steps in this subtraction to help Zoe: $56 - 34$

Count back in tens: **56, 46, 36, 26**

Subtract 4: **Count back in ones (or use a number fact) $26 - 4 = 22$**

Complete this subtraction grid:

–	47	89
34	13	55
26	21	63

Mark Jo's homework. Write the correct answers.

$$75 - 23 = 98 \quad \text{x should be 52, Jo has added!}$$

$$86 - 32 = 55 \quad \text{x should be 54.}$$

$$67 - 24 = 43 \quad \checkmark$$

$$64 - 42 = 20 \quad \text{x should be 22.}$$