## Week 14, Day 2 <br> Add pairs of 2-digit numbers (2)

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. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

## Learning Reminders



## Learning Reminders

Add pairs of 2-digit numbers by partitioning or counting on.


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Different people may choose different strategies, but here are some common ways.


Here, we can pretend that we are adding 40!

Add and adjust.
$=24+40-1$
$=64-1=63$


## Practice Sheet Mild <br> Adding two 2-digit numbers

Add the following 2-digit numbers either using partitioning OR counting on in 10s then 1 s .

1. $54+23$
2. $45+44$
3. $31+57$
4. $36+46$
5. $52+37$
6. $31+42$
7. $38+54$
8. $47+35$
9. $66+23$
10. $45+35$

## Challenge

Write the same number in both boxes to make the sum correct.
$\square+\square=68$

## Practice Sheet Ho† More adding two 2-digit numbers

Add the following 2-digit numbers either using partitioning OR counting on in 10s then 1 s .

$$
\begin{array}{lr}
\text { 1. } & 43+39 \\
\text { 2. } & 68+25 \\
\text { 3. } & 32+58 \\
\text { 4. } & 47+47 \\
\text { 5. } & 39+61 \\
\text { 6. } & 31+42 \\
\text { 7. } & 46+35 \\
\text { 8. } & 33+54 \\
\text { 9. } & 67+33 \\
\text { 10. } 47+32 \\
\text { 11. } 36+56 \\
\text { 12. } 66+23 \\
\text { 13. } 68+33 \\
\text { 14. } 45+35 \\
\text { 15. } 44+58
\end{array}
$$

## Challenge

Find three different pairs of numbers that total 91.

## Practice Sheet Answers

Practice Sheet (Mild)

1. $54+23=77$
2. $45+44=89$
3. $31+57=88$
4. $36+46=82$
5. $52+37=89$
6. $31+42=73$
7. $38+54=92$
8. $47+35=82$
9. $66+23=89$
10. $45+35=80$

## Challenge



## Practice Sheet (Hot)

1. $43+39=82$
2. $68+25=93$
3. $32+58=90$
4. $47+47=94$
5. $39+61=100$
6. $31+42=73$
7. $46+35=81$
8. $\quad 33+54=87$
9. $67+33=100$

## Challenge

Accept answers with two 2-digit numbers that add up to 91, e.g.

| $63+28$ | $39+52$ |
| :--- | :--- |
| $55+36$ | $48+43$ |
| $71+20$ | $73+18$ |

10. $47+32=79$
11. $36+56=92$
12. $66+23=89$
13. $68+33=101$
14. $45+35=80$
15. $44+58=102$

## A Bit Stuck? <br> Pick'n'mix



## What to do:

- Pick a number from each star.
- Make each number using place value cards.
- Collect the 10 s and add them.
- Collect the ls and add them.
- Now add your two answers.
- Write the addition.


S-t-r-e-t-c-h:
Your challenge is to look for a pair of numbers with a total between:

- 50 and 60
- 60 and 70
- 70 and 80
- 80 and 90
- 90 and 100


