1.

2.

3.

4.

Hot (harder)!

Check the answers.

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

If possible, watch the **PowerPoint presentation**

with a teacher or another grown-up.

OR start by carefully reading through the

Have a go at the Investigation.... This gives lots

of addition practice and is REALLY intriguing...

Tackle the questions on the **Practice Sheet**.

There might be a choice of either Mild (easier) or

Learning Reminders.

grown-up at A Bit Stuck?

4538+02

4.538 - 0.004

6.231 + 0.01

5.846 - 0.13

5. 6.231 + 0.11

2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 Write a number that goes between 2.3 and 2.4.

Finding it tricky? That's OK... have a go with a





Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton



2 4538 + 00

4.538 - 0.02

6. 6.231 + 0.101

5.846 - 0.211

10. 5.846 - 0.013



Learning Reminders



Learning Reminders







<mark>●</mark> ★	•	• •	* • •		• *	•		• *	• • •	▲ ● ★	• •	– –	• *
Practice Sheet Mild Expanded addition													
1.					•		2.						
	400 300	20 40	3 5					600 200	10 50	3 6			
										-			
				-									
3							4						
0.	800	30	4				7.	300	40	2			
	100	20	5					200	50	6			
				-									
5.							6.						
	400	30	8					500	40	9			
	200	10	4					200	30	5			
				-									
© Hamilt	ton Trust					Explore n	nore Har	milton Trust	Learning Mater	ials at https://v	vrht.org.uk/h	amilton	
→			* •		→ ★	-		● ×	🗕 🔶 🗖	▼ • *	÷ •		● ₩

		• • = _ • * • • = _ • * • • = _ • *
	Pract Expan	ice Sheet Hot Inded addition
•		
*		
•	291 + 342 =	237 + 157 =
•	383 + 274 =	828 + 136 =
*	445 + 391 =	656 + 228 =
•	470 + 384 =	528 + 407 =
•	635 + 174 =	436 + 258 =
*		
•		
	© Hamilton Trust	Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton
	V • * • • = V • * • • = V • *	• • • • • • • • • • • • • • • • • • • •

 \bigcirc

Expanded addition (mild)

1.	423 + 345 = 768
2 .	613 + 256 = 869
3.	834 + 125 = 959
4 .	342 + 256 = 598
5.	438 + 214 = 652
6.	549 + 235 = 784

Expanded addition (hot)

237 + 157 = 394	291 + 342 = 633
828 + 136 = 964	383 + 274 = 657
656 + 228 = 884	445 + 391 = 836
528 + 407 = 935	470 + 384 = 854
436 + 258 = 694	635 + 174 = 809

© Hamilton Trust

 \bigcirc

 \bigcirc

 \wedge

 \bigcirc

 \bigcirc

 \wedge

Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton

 \bigcirc

A Bit Stuck? More split sums

Work in pairs

Things you will need:

- A set of 100s, 10s and 1s place value cards
- A pencil

What to do:

- Shuffle the 10 to 50 cards and place face down in a pile. Shuffle the 1 to 9 cards and place face down.
- Take the top card from each pile and put them together to make a 2-digit number.
- Take the next card from each pile to make another 2-digit number.
- One person collects the 10s. The other person collects the 1s. How much do you have each? Now add your totals.
- Record the addition.
- Repeat at least two more times.
- Play again, but this time shuffle the 10 to 90 cards, and the 1 to 5 cards.
- Repeat at least two more times.

U	
\bigcirc	
\bigcirc	
\bigcirc	47 + 26
\bigcirc	= 40 + 20 + 7 + 6
\bigcirc	= 60 + 13
\bigcirc	= 73
\bigcirc	
\bigcirc	
\bigcirc	
\bigcirc	
0	
\bigcirc	

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

Use 10 to 90 and 1 to 9 cards so that sometimes the 1s will come to more than 10 and the 10s will come to more than 100.

Learning outcomes:

- I can add pairs of 2-digit numbers using partitioning (1s > 10 or 10s > 100).
- I am beginning to add pairs of 2-digit numbers where the 1s come to more than 10 the 10s come to more than 100.

© Hamilton Trust Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton





Explore more Hamilton Trust Learning Materials at https://wrht.org.uk/hamilton $^{\circ}$

