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Week 13, Day 2

Mental strategies to add and subtract.

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.
- 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





Mental addition and subtraction

Solve the following mentally:



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	Practice Sheets Answers						
Mental addition a	nd subtraction	n (mild)					
1. £2.70 + 30p =	£3						
2. 6.3 - 0.5 = 5 .8							
3. £1.98 + 32p =	£2.30						
4. 7.9 + 0.8 = 8.7							
5. 7.8 - 1.1 = 6.7							
6. 0.45 + 0.55 = 1							
7. £3.63 + £1.28	= £4.90						
8. £3.25 - 26p = 5	E2.99						
Mental addition a	nd subtractior	n (hot)					
£2.68 + <mark>32p</mark> = £3		56,27	8 – 6070 = <mark>50,208</mark>				
12.5 – 0.7 = 11.8 6 – 0.64 =		6 – <mark>0.64</mark> = 5.3	36				
45.7 + 0.6 = <mark>46.3</mark>	4.58 + <mark>0.42</mark> =	5	<mark>£5</mark> – £2.67 = £2.33				
6.45 + 0.55 = <mark>7</mark>	43,020 + 408 = <mark>43,428</mark>		£4.36 – 37p = £3.99				
			0.52 + 0.48 = 1				
£4.69 + 31p = £5		1 – 0.47 = 0.53	3.25 – 0.26 = <mark>2.99</mark>				
£4.78 + 23p = £5.0	1	£4.65 + £1.35 = <mark>£6</mark>	£10 - £4.99 = £5.01				

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- Repeat at least two more times.
- Now choose a pair of numbers which are easy to subtract. Work out the answer.
- Repeat at least twice.
- How many additions and subtractions can you work out before time is up?



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

Sort these four additions into those you would work out using a written method and those you would work out mentally:

635 + 287, 734 + 203, 527 + 310 and 478 + 259.

301 220 32 24

Learning outcomes:

- I can use place value to add and subtract to/from 3-digit numbers (changing two digits).
- I am beginning to choose mental or written methods.

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1	2 3 4 5 6 7 8 9 10 1	1 12 13 14 15 16 17 ₁₈ 19	20 21 22 23 24 25 26 27 28	29	30 2		
99 7	investigation						
98 98							
⁹⁶ 97 ⁹	2.66	3.62	24.3		34 35		
94 95	0.6	0.73	0.53		36 37		
92 93	£7.98	27,345	7.99	- 4 	38 39 4		
90 91	40,700	£20	£3.52	- 4 	40 41 A2		
<mark>81 88</mark> 89	63,246	40,003	708	- 4 	. 43 AA		
85 86	61.6	3	£1.21	- 4 	45 46		
83 8A	£3.02	£4.69	3.01	- 4 	47 48 49		
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08 6	56 86 LL 96 56 PL EL 26 IL 06	: 59 89 29 99 <u>5</u> 9 8 9 29 99 69 69 69	23 24 22 26 21 28 26 60 61	25	ŢŻ		