

- 1 Mo is working out $57 + 35$ in his head.

I added the tens:
 $50 + 30$



I then added my
answers together.

I then added the
ones: $5 + 7$

- a) Use Mo's method to work out $57 + 35$ in your head.
b) Eva started by adding 57 and 30

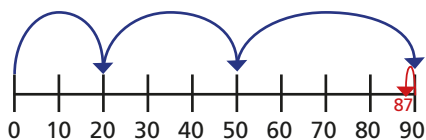
What do you think Eva did next?

- c) Work out the additions in your head. Write your answers.

$25 + 48$ $250 + 480$ $260 + 250 + 240$
 $62 + 55$ $620 + 550$

- 2 Whitney and Amir are working out $19 + 29 + 39$

Talk about each method, and explore how they work.



		1	9	
		2	9	
		+	3	9
			8	7
			2	

Which method do you think is most efficient? Why?

- 3 Use Whitney or Amir's method to solve the problems.

- a) $49p + 79p$ c) $£10 - £5.99$
 b) $99 \text{ cm} \times 5$ d) $2 \text{ l} - 199 \text{ ml} - 399 \text{ ml}$

- 4 a) Explain how you could work out this subtraction in your head.

$750 - 230$

- b) Explain how you could work out this subtraction in your head.

$750 - 280$

- c) Work out the subtractions in your head. Write your answers.

$89 - 35$ $82 - 45$ $800 - 250$
 $80 - 25$ $890 - 350$ $820 - 450$

- 5 a) What is the total price of all 4 cars?

- b) What is the difference between the most expensive and the least expensive cars?

Cars for sale: price list	
Car A	£2,750
Car B	£19,500
Car C	£24,999
Car D	£45,000

- 6 Work out the following multiplications in your head.

Write your answers.

- a) 10×8 b) 18×10 c) 18×5 d) 21×6
 20×8 18×20 34×5 7×32
 40×8 18×200 5×430 84×4

Did you use the same method as your partner?

- 7 Choose the best method to solve each calculation.

Show your workings.

- a) $2 \times 19 \times 5$ c) $25 \times 9 \times 3 \times 4$
 b) $4 \times 23 \times 5$ d) $10 \times 250 \times 1.7 \times 8$