

- 1 Mo is mentally working out $57 + 35$.

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 $57 + 35$ mentally.

- b) Eva started by adding 57 and 30

What do you think Eva did next?

- c) Work out the additions mentally. Write your answers.

$25 + 48$

$250 + 480$

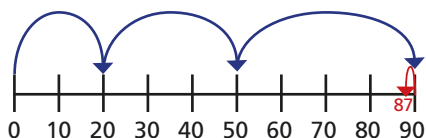
$260 + 250 + 240$

$62 + 55$

$620 + 550$

- 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 mentally.

$750 - 230$

- b) Explain how you could work out this subtraction mentally.

$750 - 280$

- c) Work out the subtractions mentally. Write your answers.

$89 - 35$

$82 - 45$

$800 - 250$

$80 - 25$

$890 - 350$

$820 - 450$

- 5 a) What is the total price of all four 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 mentally.

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) $10 \times 250 \times 1.7 \times 8$