HOMEWORK

Stage 2

Year 3 Maths

The Gap Stays the Same

Name ..... Class ..... Date .....

Time: 15 minutes. No more. If it's taking longer, stop and write down where you got stuck — that note is more useful to your teacher than a finished sheet.

Write the move every time. *"Both up 2"* or *"2 across"*.

Section 1 — The gap

1. Work these out. What do you notice?

(a) 8 − 5 = ☐ (b) 18 − 15 = ☐ (c) 48 − 45 = ☐

What I notice: ☐

Section 2 — Move both the same way

2. Move both numbers up. Show the move.

(a) 51 − 29 → both up ☐ → ☐ − ☐ = ☐

(b) 136 − 99 → both up ☐ → ☐ − ☐ = ☐

(c) 72 − 48 → both up ☐ → ☐ − ☐ = ☐

Section 3 — Move it across

3. These are adds. Move it across.

(a) 29 + 36 → ☐ across → ☐ + ☐ = ☐

(b) 198 + 47 → ☐ across → ☐ + ☐ = ☐

(c) 47 + 25 → ☐ across → ☐ + ☐ = ☐

4. Why do you move both the same way for a take away, but across for an add?

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5. You got 24 for question 2(c). Write the sum that checks it — without doing **72 − 48** again.

Section 4 — Money

6. Make $2.20 in two different ways. *(Coins: $1, 50c, 20c, 10c)*

1.

2.

7. How many cents is $2.20?

Section 5 — With a grown-up *(two minutes)*

8. Ask somebody at home to work out 145 − 98 in their head, and watch what they do.

What did they do?

Then show them your way. ☆ Most grown-ups either count up or use columns in their head. Almost nobody moves both numbers.

Section 6 — Stretch

Optional. Have a go even if you don't finish it.

9. 301 − 199. How far do you move, and what does it become?

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10. Can you move the numbers DOWN instead of up? Try **73 − 48** moving both **down 3**.

− =

Did it still work? Was it easier?

NSW Mathematics K–10 Syllabus (2022) · Stage 2

MA2-AR-01 selects and uses mental and written strategies for addition and subtraction involving 2- and 3-digit numbers

MA2-AR-02 completes number sentences involving addition and subtraction by finding missing values

MAO-WM-01 develops understanding and fluency in mathematics through exploring and connecting mathematical concepts, choosing and applying mathematical techniques to solve problems, and communicating their thinking and reasoning coherently and clearly

Practising at home? Online practice for Years K–10 is at **acetheirtest.com**.

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