

YEAR 5 MATHEMATICS

Written Addition & Subtraction

Whole numbers and decimals

Student name	
Date	
Teacher	
Score	/ 34

Assignment focus

- Use formal column addition and subtraction.
- Keep digits in the correct place-value columns.
- Regroup/exchange accurately.
- Line up decimal points before calculating.
- Use estimation to check whether answers are sensible.

Instructions: Show your written method for every calculation. For decimal questions, line up the decimal points. Do not use a calculator unless your teacher asks you to.

30 questions

34 marks

Suggested time: 50-60 min

Section A - Written Addition

Use a formal column method. Remember to line up the place values.

1. Calculate $3,472 + 2,156$. [1 mark]

2. Calculate $5,806 + 3,927$. [1 mark]

3. Calculate $24,385 + 7,416$. [1 mark]

4. Calculate $48,709 + 26,584$. [1 mark]

5. Calculate $136,482 + 57,639$. [1 mark]

6. Calculate $278,945 + 163,786$. [1 mark]

7. Calculate $405,608 + 79,457$. [1 mark]

8. Calculate $568,794 + 276,938$. [1 mark]

Section B - Written Subtraction

Use a formal column method. Exchange from the next place-value column when needed.

9. Calculate $7,562 - 3,241$. [1 mark]

10. Calculate $9,003 - 4,578$. [1 mark]

11. Calculate $34,700 - 8,956$. [1 mark]

12. Calculate $62,415 - 27,839$. [1 mark]

13. Calculate $100,000 - 48,726$. [1 mark]

14. Calculate $304,208 - 96,547$. [1 mark]

15. Calculate $650,000 - 287,965$. [1 mark]

16. Calculate $804,321 - 456,789$. [1 mark]

Section C - Decimal Addition

Line up the decimal points before you add. Add placeholder zeros if they help.

17. Calculate $4.6 + 3.2$. [1 mark]

18. Calculate $7.35 + 2.4$. [1 mark]

19. Calculate $12.08 + 5.67$. [1 mark]

20. Calculate $24.6 + 13.75$. [1 mark]

21. Calculate $£14.75 + £8.60$. [1 mark]

Section D - Decimal Subtraction

Line up the decimal points. Take care when exchanging across a zero.

22. Calculate $8.7 - 3.4$. [1 mark]

23. Calculate $10.0 - 6.38$. [1 mark]

24. Calculate $15.62 - 7.9$. [1 mark]

25. Calculate $42.5 - 18.76$. [1 mark]

26. Calculate $\text{£}30.00 - \text{£}12.85$. [1 mark]

Section E - Mixed Problems

Decide whether you need to add or subtract. Show the calculation clearly.

27. A library had 24,685 books. It bought 7,946 more books. How many books does the library have now? [2 marks]

Working and answer:

28. A charity wanted to raise £50,000. It has already raised £36,785. How much more money does it need? [2 marks]

Working and answer:

29. Maya buys a notebook for £4.75 and a set of pens for £6.89. How much does she spend altogether? [2 marks]

Working and answer:

30. A bottle contains 2.5 litres of juice. After a party, 0.86 litres remain. How much juice was used? [2 marks]

Working and answer:

Optional challenge - estimate to check

Choose any two answers from this assignment. Round the numbers to sensible values and use your estimate to check that your exact answer is reasonable.