

Answer Key — Reading & Writing Large Numbers

Year 4 Mathematics · Number and algebra · WA4MNAPV1

Section A — Fluency (16 marks, 1 mark each)

1. Forty-five thousand, two hundred and eighteen
2. Seven thousand, nine hundred and three
3. 32,614
4. 90,005
5. 70,000
6. 400
7. 57,230
8. 39,950
9. 49,000
10. 29,500
11. 70,000
12. 30,009
13. 5 (ten-thousands)
14. 3 (hundreds)
15. 35,206
16. $60,000 + 1,000 + 400 + 0 + 7$

Section B — Core (21 marks)

1. Sixty-eight thousand, four hundred and fifty-two; the digit 6 has a value of 60,000. [1 mark words, 2 marks value]
2. $45,900 + 2,350 = 48,250 \rightarrow$ rounds to 48,000. [2 marks working, 2 marks correct rounding]
3. 12,046m, 12,460m, 12,604m. [1 mark per correct position, max 3]
4. $\$54,720 + \$6,830 = \$61,550$ — sixty-one thousand, five hundred and fifty dollars. [2 marks working, 2 marks correct words]
5. 40,739; forty thousand, seven hundred and thirty-nine. [1 mark numeral, 2 marks words]
6. Incorrect. The hundreds digit of 70,499 is 4, which is less than 5, so the number rounds DOWN to 70,000, not up to 71,000. Jade likely rounded using the wrong digit. [2 marks correct rounding, 2 marks explanation of the error]

Section C — Reasoning (9 marks) — sample responses, award marks for valid reasoning

1. The comma is only a visual separator for readability; it doesn't change the number's value. [2 marks for clear explanation]
2. Sam read the tens digit (9) as if it were in the hundreds place. 8,090 has 0 hundreds and 9 tens, so the correct words are "eight thousand and ninety," not "eight thousand, nine hundred." [2 marks]
3. Any two numbers from 55,000–64,999, e.g. 58,200 and 61,750, with an explanation that rounding to the nearest 10,000 looks only at the thousands digit. [1 mark per valid number, with reasoning]

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4. Explanation should describe the units column going from 9 to 10, carrying 1 to the tens column, which carries through tens, hundreds and thousands (all 9s), finally making the ten-thousands column increase by 1 and all other columns reset to 0. [3 marks for a fully traced explanation]

Section D — Challenge (7 marks)

1. Largest: 86,520. Smallest: 20,568 (cannot start with 0, so use next-smallest digit 2 first). [1 mark each]
2. Any number from 49,450–49,549 satisfies both conditions, e.g. 49,470. [2 marks]
3. Any number from 48,000–48,099 fits all four clues, e.g. 48,037. [3 marks for a valid number with correct working]