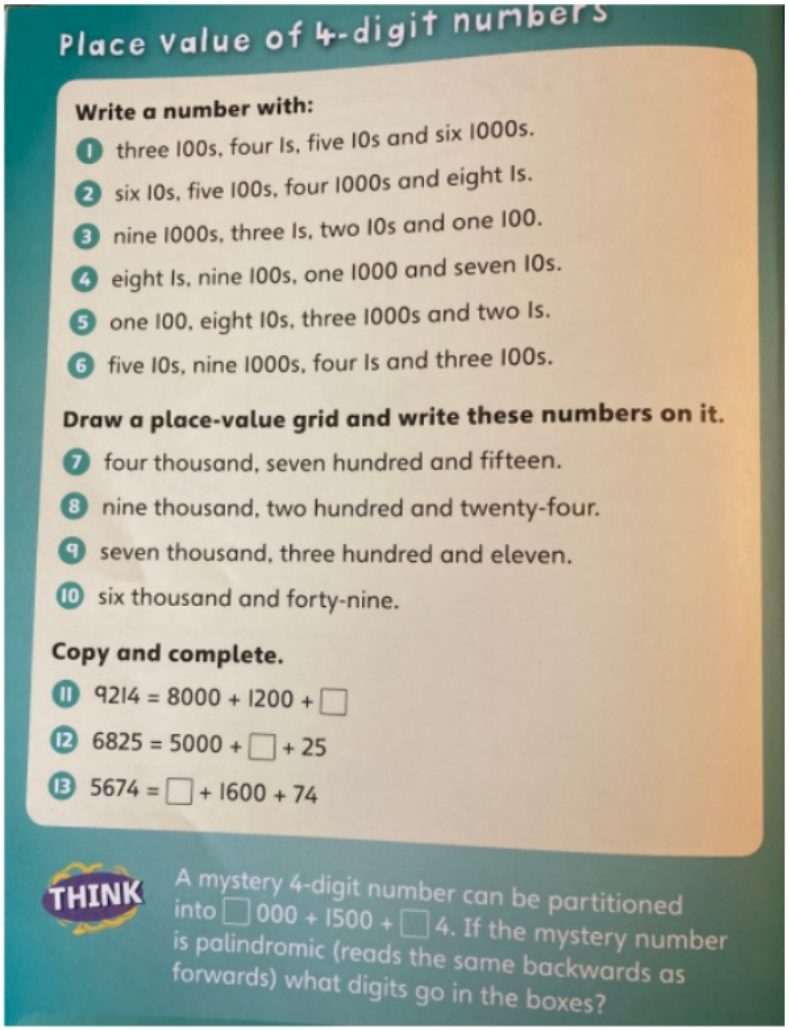

Place Value of 4-digit numbers

Write a number with:

1. three 100s, four 1s, five 10s and six 1000s.
2. six 10s, five 100s, four 1000s and eight 1s.
3. nine 1000s, three 1s, two 10s and one 100.
4. eight 1s, nine 100s, one 1000 and seven 10s.
5. one 100, eight 10s, three 1000s and two 1s.
6. five 10s, nine 1000s, four 1s and three 100s.

Draw a place-value grid and write these numbers on it.

7. four thousand, seven hundred and fifteen.
8. nine thousand, two hundred and twenty-four.
9. seven thousand, three hundred and eleven.
10. six thousand and forty-nine.

Copy and complete.

11. 9214 = 8000 + 1200 + ☐
12. 6825 = 5000 + ☐ + 25
13. 5674 = ☐ + 1600 + 74

THINK A mystery 4-digit number can be partitioned into ☐000 + 1500 + ☐4. If the mystery number is palindromic (reads the same backwards as forwards) what digits go in the boxes?

Bronze questions 1-10

Silver answer all questions

Gold (Gold task on the website)

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1. 6354
2. 4568
3. 9123
4. 1978
5. 3182
6. 9354

Answers to 7-10 to appear on a place-value grid.

7. 4715
8. 9224
9. 7311
10. 6049
11. 9214 = 8000 + 1200 + 14
12. 6825 = 5000 + 1800 + 25
13. 5674 = 4000 + 1600 + 74

Think. 3000 + 1500 + 54 = 4554, so missing digits are 3 and 5.