ROUNDING TO NEAREST THOUSAND

1 000   1 100   1 200   1 300   1 400   1 500   1 600   1 700   1 800   1 900   2 000

1 309 ←

rounded to 1 000

1 509

rounded to 2 000
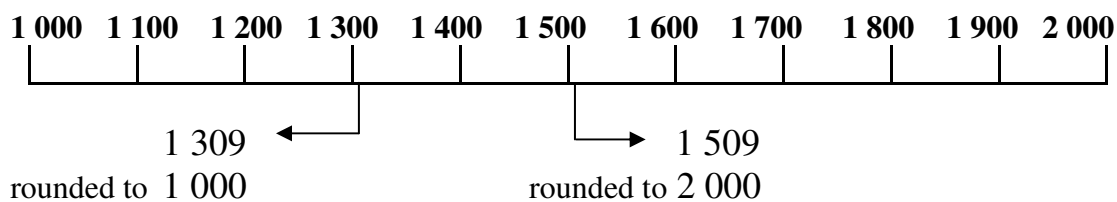
Write these numbers to the nearest whole thousand:

1. 3 759

2. 5 935

3. 8 065

4. 7 216

5. 2 060

6. 2 593

Look at the hundreds when deciding whether to round up or down to the nearest thousand.

7. 34 603   **8.**   98 837

9. 19 246   **10.** 21 767

11. 25 504   **12.** 19 701

13. What is the nearest thousand to 45 680 ?

14. What is the nearest thousand to 12 521 ?

15. What is the nearest thousand to 91 499 ?

16. Round 71 656 to the nearest thousand.

17. Round 75 288 to the nearest thousand.

18. What whole thousand is nearest to 19 535 ?

Concepts

Numbers to the nearest 100 (revision)

When rounding to the nearest 100 the key figure is the tens digit. If the tens digit is 5 or above, round up. If it is below 5 round down.

Eg 2<u>7</u>9 is **300** to the nearest **100**   2<u>4</u>9 is **200** to the nearest **100**

(Note that it does not matter what the **units** digit is, it is the **TENS** digit that must be looked at.)

Numbers to the nearest 1 000

When rounding to the nearest 1 000 the key figure is the hundreds digit. If the hundreds digit is 5 or above, round up. If it is below 5, round down.

Eg 2 <u>7</u>50 is 3 000 to the nearest 1 000.
2 <u>1</u>99 is 2 000 to the nearest 1 000

(Note that it does not matter what the **tens** or **units** digits are, it is the **HUNDREDS** digit which must be looked at.)

Be careful that when rounding, children do not write:
2 345 = 2 000
because 2 345 does not equal 2 000.

2 345 = 2 000 'to the nearest 1 000' should always be added, or it can be
written: 2 345   2 000   →

Rounding larger numbers

Larger numbers can be rounded in just the same way as above, always referring to the digit below the one you want to round.
Eg rounding to a million, look at the hundred thousand digit:

2 <u>3</u>45 456 is **2 000 000** (two million) to the nearest million

2 <u>9</u>87 654 is **3 000 000** (three million) to the nearest million

1. 4 000   **2.** 6 000   **3.** 8 000   **4.** 7 000   **5.** 2 000   **6.** 3 000

7. 35 000   **8.** 99 000   **9.** 19 000   **10.** 22 000   **11.** 26 000   **12.** 20 000   **13.** 46 000

14. 13 000   **15.** 91 000   **16.** 72 000   **17.** 75 000   **18.** 20 000