Reminder: Understanding Rounding

Rounding numbers to the nearest 100

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.)

Rounding 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.)

Make sure, when rounding, that children do not write:

   2 345 = 2 000

because 2 345 does not equal 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

Revise rounding to the nearest thousand (1)
Maths worksheets from mathsblog.co.uk

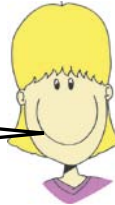| 3 000 | 3 100 | 3 200 | 3 300 | 3 400 | 3 500 | 3 600 | 3 700 | 3 800 | 3 900 | 4 000 |

3 241

3 623

3 241 rounded to the nearest 1 000 is 3 000

3623 rounded to the nearest 1 000 is 4 000.

Round these numbers to the nearest 1 000. Remember: If the hundreds digit is 5 or above, round up.

1. 4 350 [ ]

2. 5 099 [ ]

3. 1 666 [ ]

4. 2 746 [ ]

5. 3 109 [ ]

6. 7 606 [ ]

7. 8 501 [ ]

8. 11 257 [ ]

9. 834 [ ]

10. 9 999 [ ]

11. 25 909 [ ]

12. 13 234 [ ]

13. 7 500 [ ]

14. 16 499 [ ]

15. 21 020 [ ]

16. What is the nearest thousand to 55 555? [ ]

17. What is the nearest thousand to 48 987? [ ]

18. What is the nearest thousand to 31 234? [ ]

19. What is the nearest thousand to 26 505? [ ]

20. What is the nearest thousand to 99 499? [ ]

Revise rounding to the nearest thousand (1)
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Answers

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1. 4 000   2. 5 000   3. 2 000

4. 3 000   5. 3 000   6. 8 000

7. 9 000   8. 11 000   9. 1 000

10. 10 000   11. 26 000   12. 13 000

13. 8 000   14. 16 000   15. 21 000

16. 56 000   17. 49 000   18. 31 000

19. 27 000   20. 99 000