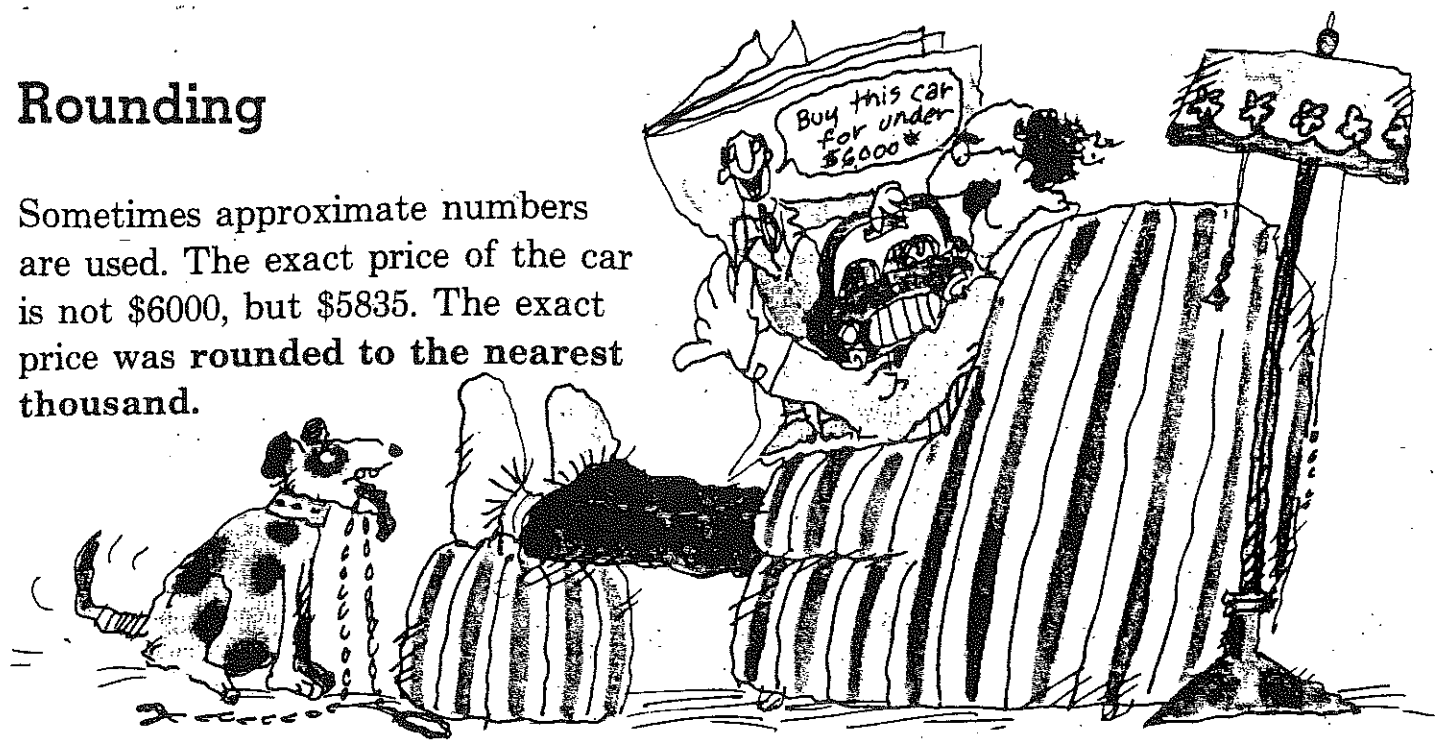


Rounding

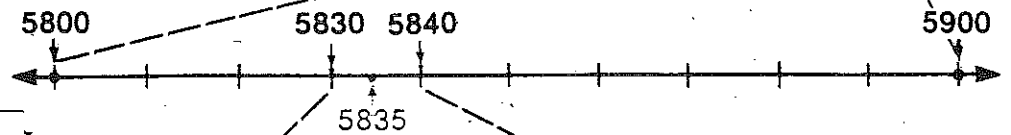
Sometimes approximate numbers are used. The exact price of the car is not \$6000, but \$5835. The exact price was rounded to the nearest thousand.



5835 rounded to the nearest thousand is 6000.

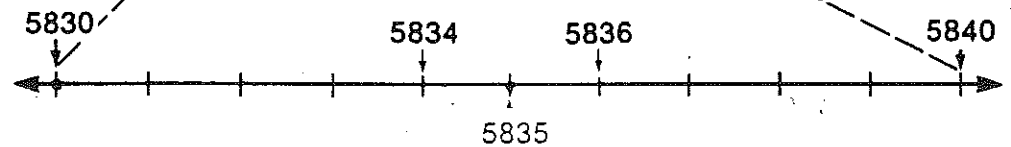


5835 rounded to the nearest hundred is 5800.



When the number is halfway between, round up.

5835 rounded to the nearest ten is 5840.



EXERCISES

Round to the nearest thousand.

- | | | | |
|-----------|-----------|-----------|-----------|
| 1. 5826 | 2. 6374 | 3. 9028 | 4. 4691 |
| 5. 14,039 | 6. 28,243 | 7. 47,500 | 8. 39,800 |

Round to the nearest hundred.

- | | | | |
|------------|------------|------------|------------|
| 9. 7346 | 10. 9214 | 11. 3560 | 12. 4938 |
| 13. 29,643 | 14. 75,385 | 15. 29,580 | 16. 86,950 |

Here is a shortcut for rounding.

- Step 1.** Find the place to which you are rounding.
- Step 2.** Look at the next digit to the right.
- Step 3.** If that digit is 5 or greater, round up. If that digit is less than 5, round down.

Use the shortcut to round

17. 35,928 to the nearest ten.
19. 84,219 to the nearest hundred.
21. 482,961 to the nearest hundred.
23. 426,350 to the nearest hundred.
25. 565,000 to the nearest ten thousand.

Pretend that you are a newspaper reporter. Write a headline for each fact. *Hint:* Round the numbers.

27. The city council adopted a budget of \$598,382.
28. The *Concorde* reached 2015 kilometers per hour during a recent flight.
29. Last night 42,056 went to Municipal Stadium to see the Cleveland Indians win.

Round to the nearest thousand.

578,341



578,341



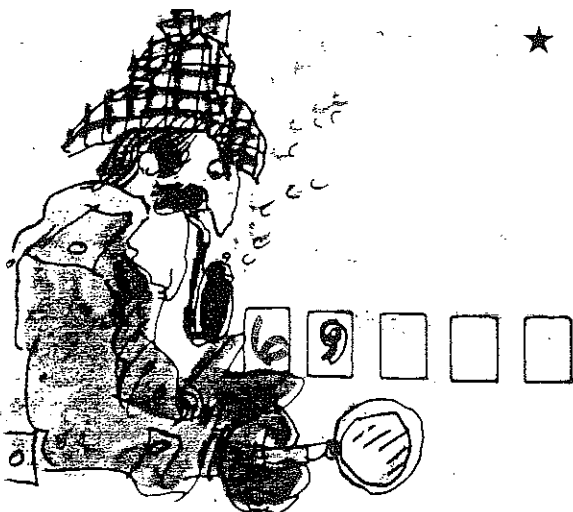
578,341



3 is less than 5.

Round down: 578,000

18. 26,753 to the nearest thousand.
20. 59,037 to the nearest thousand.
22. 357,281 to the nearest ten.
24. 291,784 to the nearest thousand.
26. 399,999 to the nearest hundred thousand.



- ★ 30. Some of the digits have been turned facedown. Study the clues to find the number.
- a. If you round to the nearest thousand or ten thousand, you get 70,000.
- b. If you round to the nearest ten or hundred, you get the same number.
- c. There is no smaller number that rounds this way.