# Use Place Value Understanding to Round Numbers 

1 (MP) Use Repeated Reasoning Use place value to round 314,609 to the nearest hundred thousand, to the nearest ten thousand, and to the nearest thousand.

2 (MP) Attend to Precision The sales department wants to place an order for 253,625 third grade math books for a region. Once the order is given, there is always a need for extra math books. How can the sales manager estimate the number of math books to be sure that there are more than enough?
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$\qquad$
3 Between which two hundred thousands is the number 185,104 ?
$\qquad$ and $\qquad$
4 Math on the Spot The number 2, 00 is missing a digit. The number rounded to the nearest thousand is 2,000 . List all of the possibilities for the missing digit. Explain your answer.
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$\qquad$
$\qquad$
$\qquad$
Round to the place value of the underlined digit.
$53 \underline{2} 2,297$
6 698,072
7 15,912

## Test Prep

8 Select all the numbers that round to 940,000 when rounded to the nearest ten thousand.
(A) 944,999
(C) 946,005
(E) 951,212
(B) 935,011
(D) 943,902
(F) 934,125

9 Devon lives in a city with an estimated population of 240,000 people. Which statement about this population is true?
(A) There are more than 300,000 people in this city.
(B) There are more than 250,000 people in this city.
(C) There are more than 245,000 people in this city.
(D) There are more than 200,000 people in this city.

10 An online report reads that about 120,000 copies of a book have been sold. What is the least number of books that could have actually been sold? What is the greatest number of books that could have been sold?

## Spiral Review

11 Write the value of the underlined digit.

894,356
12 Write equations. Use letters for unknowns. Solve.

Notecards cost $\$ 4$ for a pack of 12. Jenna gives the cashier $\$ 16$ to buy the notecards. She gets $\$ 4$ in change. How many packs of notecards does Jenna buy?

