**Solve the problems.**

**1** Write two different ways to expand and show 402,637.

**2** In one month, 18,625 cars pass a store. In the same month, 6,409 trucks pass
the same store. Use $>$, $<$, or = to write a comparison between the number of
cars and trucks that pass the store. Do more cars or trucks pass the store?
Show your work.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3** Look at the number in the place-value chart below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Hundred Thousands** | **Ten Thousands** | **Thousands** | **Hundreds** | **Tens** | **Ones** |
| 4 | 8 | 8 | 6 | 3 | 0 |

How does the value of the 8 in the ten thousands place compare to the value
of the 8 to its right?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**4** Decide if each number has been rounded to the nearest thousand, nearest
ten thousand, or nearest hundred thousand.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Nearest Thousand** | **Nearest Ten Thousand** | **Nearest Hundred Thousand** |
| 473,846  500,000 | Ⓐ | Ⓑ | Ⓒ |
| 480,715  480,000 | Ⓓ | Ⓔ | Ⓕ |
| 434,785  430,000 | Ⓖ | Ⓗ | Ⓘ |
| 450,903  451,000 | Ⓙ | Ⓚ | Ⓛ |

**5** Find the difference of 441,902 and 312,684.

**6** Ian counts twelve thousand, two hundred eight steps to hike a trail in the park.

What is this number written in expanded form?

Ⓐ 12 $+$ 2 $+$ 8

Ⓑ 10,000 $+$ 200 $+$ 200 $+$ 8

Ⓒ 10,000 $+$ 2,000 $+$ 200 $+$ 8

Ⓓ 10,000 $+$ 2,000 $+$ 200 $+$ 80

**7** A taxi is driven 36,704 miles. Round 36,704 to each place given below. Write
your answers in the blanks.

**a.** to the nearest ten thousand \_\_\_\_\_\_\_

**b.** to the nearest thousand \_\_\_\_\_\_\_

**c.** to the nearest hundred \_\_\_\_\_\_\_

**d.** to the nearest ten \_\_\_\_\_\_\_

**8** Look at the number in the place-value chart.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Ten Thousands** | **Thousands** | **Hundreds** | **Tens** | **Ones** |
| 3 | 2 | 0 | 7 | 9 |

How can you write the number shown in the place-value chart?
Choose all that apply.

Ⓐ 32,079

Ⓑ three thousand, two hundred seventy-nine

Ⓒ 30,000 $+$ 2,000 $+$ 70 $+$ 9

Ⓓ thirty-two thousand, seventy-nine

Ⓔ 30,000 $+$ 2,000 $+$ 700 $+$ 90

**9** Find the sum. Estimate to check that your answer is reasonable.
Show your work.

$$\overline{\begin{array}{c} 3,548\\+ 4,615\end{array}}$$

**10** Decide if $>$ or $<$ completes a true comparison for each pair of numbers.

Choose $>$ or $<$ for each pair of numbers.

|  |  |  |
| --- | --- | --- |
|  | $$>$$ | $$<$$ |
| 14,021 □ 4,988 | Ⓐ | Ⓑ |
| 3,179 □ 3,200 | Ⓒ | Ⓓ |
| 25,100 □ 21,555 | Ⓔ | Ⓕ |
| 74,328 □ 74,832 | Ⓖ | Ⓗ |

**13** Researchers count 15,416 birds at a wildlife preserve. They also count
10,855 land animals and 6,954 water animals.

How many more birds than land animals do they count?
Show your work.

***Solution*** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**14** Use the graph below to answer the following questions:

- Where do most people want to explore?

- How many people want to explore that location?

- How many more people want to explore the mountains compared to the woods?

