



Understand Place Value Relationships

- 1** **Reason** There are 12,600 insects on display at the new Science Center exhibit. Explain how you can use base-ten blocks to show the value of the digit 2 in 12,600.

- 2** One painting shows 520 different types of ladybugs. Another painting shows 750 different types. How many times as great is the value of the digit 5 in 520 than the value of the digit 5 in 750? How do you know?

Write the number in the place-value chart. Then complete the chart to find the value of each digit.

- 3** 4,817

THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones
		4 thousands			
				10	

- 4** **Math on the Spot** How many models of 100 do you need to model 3,200? Explain.

Compare the values of the underlined digits. Then complete the sentence.

- 5** 80,000 and 8,000 The value of the digit 8 in _____ is _____ times the value of the digit 8 in _____.

Test Prep

- 6 Which correctly completes the sentence?

The value of the digit 3 in 730,500 is ■ the value of the digit 3 in 73,050.

- (A) 2 times
(B) 10 times
(C) 100 times
(D) 1,000 times

- 7 Which shows the correct place-value position of the underlined digit?

419,235

- (A) hundred thousands
(B) ten thousands
(C) thousands
(D) hundreds

- 8 Which correctly shows the value of the digit 4 in 604,027?

- (A) 4 ten thousands
(B) 4 hundred thousands
(C) 4 thousands
(D) 4 tens

Spiral Review

- 9 Bobby has 8 toy cars with 4 wheels on each car. How many wheels are there?

- 10 Write the related facts for the numbers 3, 6, 18.

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} \div \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$