

# Understanding of Place Value

Name: \_\_\_\_\_

## Set A

- 1 Write the number 78,215 in the place-value chart.

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

Write 78,215 in expanded form and word form.

- 2 Write the number 540,632 in the place-value chart.

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones

Write 540,632 in expanded form and word form.

## Set B

- 3 Show different ways to make 25,302.

\_\_\_\_\_ thousands + \_\_\_\_\_ hundreds + \_\_\_\_\_ ones

\_\_\_\_\_ hundreds + \_\_\_\_\_ ones

\_\_\_\_\_ ones

- 4 Show different ways to make 708,496.

\_\_\_\_\_ hundred thousands + \_\_\_\_\_ thousands + \_\_\_\_\_ hundreds +  
\_\_\_\_\_ tens + \_\_\_\_\_ ones

\_\_\_\_\_ thousands + \_\_\_\_\_ hundreds + \_\_\_\_\_ tens + \_\_\_\_\_ ones

\_\_\_\_\_ hundreds + \_\_\_\_\_ tens + \_\_\_\_\_ ones

## Understanding of Place Value *continued*

Name: \_\_\_\_\_

### Set B *continued*

- 5** Show different ways to make 492,623.

\_\_\_\_\_ ten thousands + \_\_\_\_\_ thousands + \_\_\_\_\_ hundreds +  
\_\_\_\_\_ tens + \_\_\_\_\_ ones

\_\_\_\_\_ thousands + \_\_\_\_\_ tens + \_\_\_\_\_ ones

\_\_\_\_\_ hundreds + \_\_\_\_\_ ones

- 6** Write 841,620 in three different ways.

- 7** Why do both of these show 27,974?

$$20,000 + 7,000 + 900 + 70 + 4$$

$$27 \text{ thousands} + 97 \text{ tens} + 4 \text{ ones}$$

# Comparing Multi-Digit Numbers

Name: \_\_\_\_\_

## Set A

Write the symbol that makes each statement true. Use  $>$ ,  $<$ , or  $=$ .

1  $23,230$  \_\_\_\_\_  $2,323$       2  $33,003$  \_\_\_\_\_  $33,030$       3  $9,999$  \_\_\_\_\_  $10,000$

4  $40,404$  \_\_\_\_\_  $40,040$       5  $52,177$  \_\_\_\_\_  $52,771$       6  $421,073$  \_\_\_\_\_  $412,730$

## Set B

7 Circle all the numbers that are less than 78,265.

78,000      79,000      70,000      80,000      78,200      78,300

8 Circle all the numbers that are less than 45,763.

46,000      40,000      50,000      45,700      45,800      45,000

9 Circle all the numbers that are greater than 108,427.

108,000      108,400      108,500      109,000      108,430      108,420

10 How did you solve problem 7?

# Rounding Whole Numbers

Name: \_\_\_\_\_

Round each number to the nearest ten.

1 72  
\_\_\_\_\_

2 172  
\_\_\_\_\_

3 2,572  
\_\_\_\_\_

4 101,372  
\_\_\_\_\_

Round each number to the nearest hundred.

5 180  
\_\_\_\_\_

6 1,180  
\_\_\_\_\_

7 56,180  
\_\_\_\_\_

8 980  
\_\_\_\_\_

9 1,980  
\_\_\_\_\_

10 56,980  
\_\_\_\_\_

Round each number to the nearest thousand.

11 7,750  
\_\_\_\_\_

12 17,750  
\_\_\_\_\_

13 25,750  
\_\_\_\_\_

14 70,750  
\_\_\_\_\_

Round each number to the nearest ten thousand.

15 65,321  
\_\_\_\_\_

16 165,321  
\_\_\_\_\_

17 185,321  
\_\_\_\_\_

18 205,321  
\_\_\_\_\_

19 Round 307,451 to each place value given below.

to the nearest thousand: \_\_\_\_\_

to the nearest hundred: \_\_\_\_\_

to the nearest ten: \_\_\_\_\_

## Using Strategies to Add

Name: \_\_\_\_\_

Add using different strategies.

$$\begin{array}{r} 1 \quad 4,000 \\ + 6,215 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 4,010 \\ + 6,215 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \quad 4,121 \\ + 6,215 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 3,000 \\ + 6,871 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \quad 2,999 \\ + 6,871 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \quad 2,990 \\ + 6,871 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \quad 5,020 \\ + 1,491 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \quad 4,990 \\ + 1,491 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \quad 4,950 \\ + 1,491 \\ \hline \end{array}$$

10 What strategies did you use to solve the problems? Explain.

11 Check your answer to problem 6 by solving it with a different strategy. Show your work.