Worksheet

Whole numbers 2

1 What is the place value for the 7 in each of the following numbers?

   a 750 625 _____

   b 578 320 _____

   c 57 _____

   d 7 250 635 _____

   e 25 762 _____

2 For the number 461 029:

   a write it in words

   _____

   b which digit is in the hundreds place? _____

   c which digit is in the ten-thousands place? _____

   d what value is its largest place value? _____

3 What number does each of the following stand for?

   a $8 \times 10\,000 + 5 \times 1000 + 4 \times 100 + 5 \times 10 + 4$ _____

   b $2 \times 1\,000\,000 + 5 \times 10\,000 + 5 \times 10 + 9$ _____

   c $7 \times 100\,000 + 5 \times 1000 + 3$ _____

4 Write each of the following numbers in expanded form.

   a 4789

   _____

   b 6201

   _____

   c 1 230 352

   _____

5 What number does each of the following stand for?

   a $3 \times 10^3 + 4 \times 10^2 + 1 \times 10 + 4$ _____

   b $8 \times 10^3 + 6 \times 10^2 + 6 \times 10 + 9$ _____

   c $2 \times 10^4 + 4 \times 10^2 + 5$ _____

   d $2 \times 10^5 + 8 \times 10^3 + 5 \times 10 + 8$ _____

   e $8 \times 10^6 + 2 \times 10^4 + 7 \times 10^3$ _____

Answers

1 **a** hundred-thousands

b ten-thousands

c units

d millions

e hundreds

2 **a** four hundred and sixty-one thousand and twenty-nine

b 0

c 6

d hundred-thousands

3 **a** 85 454

b 2 050 059

c 705 003

4 **a** $4 \times 10^3 + 7 \times 10^2 + 8 \times 10 + 9$

b $6 \times 10^3 + 2 \times 10^2 + 1$

c $1 \times 10^6 + 2 \times 10^5 + 3 \times 10^4 + 3 \times 10^2 + 5 \times 10 + 2$

5 **a** 3414

b 8669

c 20 405

d 208 058

e 8 027 000