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## Chapter 1

## Whole Numbers

 to 100000Topics to be covered in this chapter:
1.1 Writing Numbers to 100000 e.g. 13438 in words is thirteen thousand four hundred thirty-eight.
1.2 Comparing, Ordering, and
Rounding Numbers Rounding Numbers
e.g. $12020<27182<31415$
1.3 Multiplying Two-digit Numbers
e.g. What is the product of 25 and 26?
1.4 Dividing Three-digit Numbers
e.g. $550 \div 9=61 R 1$

### 1.1 Writing Numbers to 100000

Write the numbers that the base-ten blocks represent in the place value chart. Then write the numbers in words.
1.


A

| Thousands |  |  |  |  |  | In words: |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| H | T | 0 | H | T | 0 |  |
|  |  |  |  |  |  |  |

$\qquad$

B

| Thousands |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: | :---: |
| $\mathbf{H}$ | $\mathbf{T}$ | $\mathbf{O}$ | $\mathbf{H}$ | $\mathbf{T}$ | $\mathbf{O}$ |  |  |  |
| In words: |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |

$\qquad$

## Write the value of each coloured digit.

2. 34291 $\qquad$
3. 60178 $\qquad$
4. 37849 $\qquad$

| Thousands |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Hundreds | Tens | Ones | Hundreds | Tens | Ones |
|  | 5 | 2 | 3 | 0 | 6 |

The 2 in the thousands place means 2000.
5. 64705 $\qquad$
6. 12360 $\qquad$ 7. 84274 $\qquad$
8. 17085 $\qquad$
9. 70253 $\qquad$

Write the numbers in expanded form.
10.
 $+$ $\qquad$ $+$ $\qquad$ $+$ $\qquad$
11. $36248=30000+$ $\qquad$
12. $40613=$ $\qquad$
13. $17805=$ $\qquad$
14. $98067=$ $\qquad$

## Write the numbers in words and in expanded form.

15. In standard form: $\mathbf{5 2 8 6 3}$

In words: $\qquad$

In expanded form: $\qquad$
16. In standard form: $\mathbf{8 0} \mathbf{6 9 1}$

In words: $\qquad$

In expanded form:

## Write the numbers.

17. a 5 -digit number that has a 5 in its ten thousands place $\qquad$
18. a 5-digit number that has a 0 in its thousands place $\qquad$
19. a number that is five hundred less than 64957
20. a number that is sixty thousand more than 16078
21. 

This is a cheque to $A B C$ Company.


Solve the problems. Show your work.
22. Read the news article. Write the population of each city.

The City of Georgeville
Population $\qquad$

## $|||||||||||||\mid$ Sunday News <br> $||||||||||||\mid$

The population of Georgeville is fifty-two thousand seven hundred four. The population of Pine is twenty thousand smaller than the city of Georgeville, but larger than the city of Oakland by five thousand.

The City of Pine

Population $\qquad$

The City of Oakland
Population $\qquad$

## Application

(23) Look at the 5 digits that Julia wrote on the board. Using each digit only once, form as many 5-digit numbers as possible. Describe the strategy you used to find all the possible numbers.


