For Students

MathSmart Guide

Contents

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Chapter 1

Whole Numbers to 10 000

Topics to be covered in this chapter:

1.1 Writing Numbers to 10 000

e.g. 3547 = 3000 + 500 + 40 + 7

1.2 Comparing and Ordering Numbers

e.g. 3390 is greater than 3309.

1.3 Rounding Numbers

e.g. 5012 rounded to the nearest thousand is 5000.

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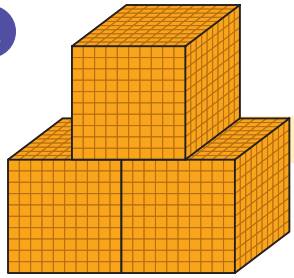
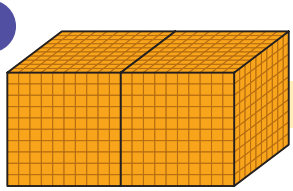
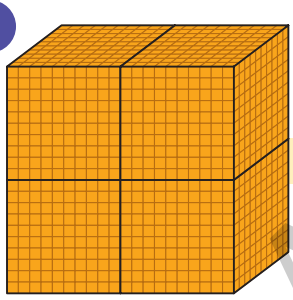
1.1 Writing Numbers to 10 000

Write the number for each group of base-ten blocks. Match each one with its expanded form. Then do what the boy says.

1.

A  Number

B  Number

C  Number

○ 4000 + 200 + 50 + 3

○ 3000 + 200 + 40 + 5

○ 2000 + 300 + 50 + 4

2. **2438**

Draw base-ten blocks to show 2438.

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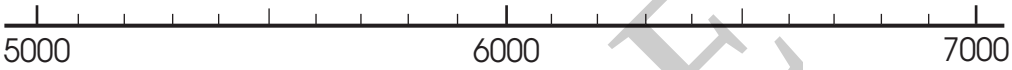
Locate the numbers on the number lines.

3.

1300
2200
1750

4.

5600
6500
5120

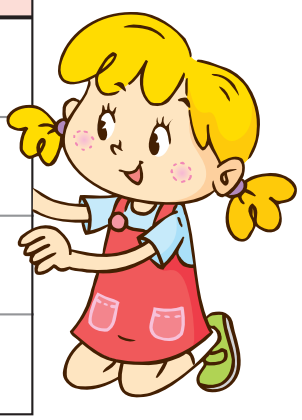


Put the numbers in the place value chart. Then write the values of the digits in red.

The zero is a place holder and has no value in a number.

3210
5286
4909
8590

Thousands	Hundreds	Tens	Ones
3	2	1	0



5. 32**1**0 _____

6. 5**2**86 _____

7. **4**909 _____

8. 859**0** _____

9. 2**1**83 _____

10. 32**7**5 _____

11. 78**4**1 _____

12. 1**5**02 _____

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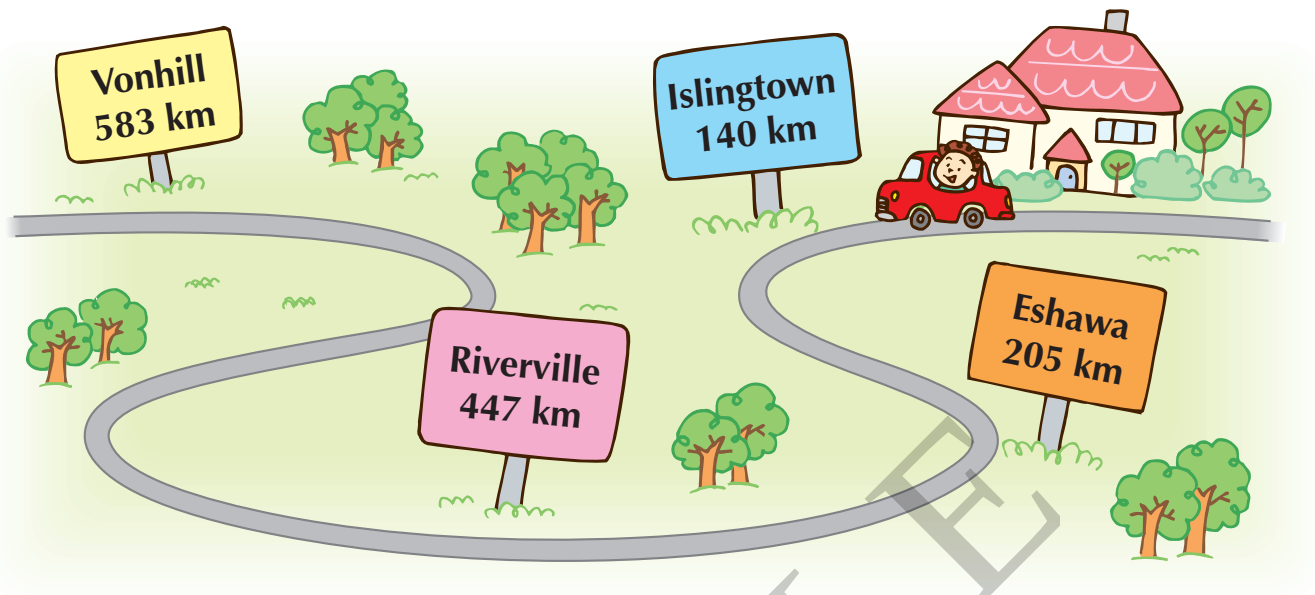
Jane is taking a road trip with her family. Write the numbers in words to show the distance of each town from her home. Then answer the question.



13. The distance to

a. Islingtown _____ km

b. Eshawa _____ km

c. Riverville _____ km

d. Vonhill _____ km

Application

⑭ *In which towns did Jane's family stop?*

We made two stops: the first at one hundred forty-two kilometres from home, and the second at four hundred sixty kilometres from home.

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