Name: _____ Date: _____

Whole Numbers Level 1

Let's put the number, 1 234 567 into the place-value table below.

Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones
1	2	3	4	5	6	7

We read the above number as one million, two hundred and thirty-four thousand, five hundred and sixty-seven.

The digit 5 is in the hundreds place.
It has a value of 500.

The digit 2 is in the hundred thousands place.
It stands for 200 000.

Example 1:

Write in numerals.

(a) four hundred and eleven thousand, three hundred and one _____

(b) nine hundred thousand and nine _____

Example 2:

(a) Write six hundred and twenty thousand, seven hundred and forty in numerals. _____

(b) Write 308 475 in words.



❶ Read out the number.
❷ Use place-value table to help you.

_____

Example 3:

Imagine you are buying a property that costs $438 125.
Write the above amount in words and numerals in the cheque below.

BANK XYZ Date | | | | | | | (D D M M Y Y)

Pay **Steven Liu** _____ or ~~Bearer~~

Singapore Dollars _____ S$ _____

_____

Please sign above the line

Section A

Show your working clearly and write your answer in the space provided. The number of marks is shown in brackets [ ] at the end of each question or part-question. [32 marks]



Use the place-value table to help you read and write the numbers and words

1) Write the following in numerals.

a) nine million, three hundred and twenty-two thousand, six hundred and ninety-nine

_____ [1]

b) eight million, eight hundred and eight thousand, three hundred and twelve

_____ [1]

2) Write the following in words.

a) 72 835

_____ **[**1]

b) 185 943

_____ **[**1]

c) 3 843 789

_____ **[**1]

3) What is the value of the digit 7 in each of the following numbers?

a) 810 357 _____ [1]

b) 75 692 _____ [1]

c) 15 876 _____ [1]

d) 347 952 _____ [1]

e) 214 709 _____ [1]

f) 751 369 _____ [1]

4) Write the place value of the digit 2 in each of the following numbers. [1]

a) 421 058 _____ place

b) 7210 _____ place

c) 8325 _____ place

5) In each of the following numbers, highlight or circle the digit that is in the ten thousands place. [1]

a) 1 0 5 3 4 8

b) 3 4 8 2 1 6

c) 3 2 4 8 9 7 1

d) 6 9 2 5 8

6) Write the following in numerals.

a) 6 thousands 9 hundreds 2 tens 5 ones _____ [1]

b) 9 thousands 23 hundreds 2 ones _____ [1]

c) 23 hundreds 4 tens 20 ones _____ [1]

d) 46 thousands 8 hundreds 55 tens _____ [1]

7) Fill in the blanks to form the equivalent value of the given values. [6]

a) 90 hundreds = ____ thousands

b) ____ tens = 60 ones

c) 20 tens = ____ ones

d) ____ hundreds = 10 ten thousands

e) 250 ones = ____ tens

f) 4 thousands = ____ hundreds

8) Fill in the blanks. [3]

a) 20 hundreds + _____ tens = 20 000

b) 15 hundreds + 25 hundreds = _____ thousands

c) 3 thousands – _____ hundreds = 14 hundreds

9) Use digits 1, 3, 5, 2, 7, 9 to form the smallest possible number with digit 5 in the thousands place. _____ [1]

10) Use digits 8, 0, 3, 2, 7 to form the smallest possible 3-digit number with digit 0 in the tens place. _____ [1]

11) Use digits 2, 3, 8, 4, 1 to form the largest possible 4-digit even number with digit 1 in the hundreds place. _____ [1]

12) Cross out the numbers that have digit 4 in the thousands place. Circle the numbers that have digit 3 in the tens place. You may cross out and circle the same number. [3]

5431	1468	34 810	49 165	8230
1547	64 730	97 154	14 830	61 409
38 604	64 103	85 034	34 109	68 503
97 450	4038	6874	94 536	46 501
98 537	5409	4603	41 053	1536

Rounding and Estimation

When we round a number, we make the number near to but not exactly the actual number.

Here's how you round numbers correctly.

In order to round a number to a certain place value, we need to first look at the digit on the right of that place value.

Millions	Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones

When you are rounding a number to the **nearest hundred**, you should look at the digit in the **tens** place.

If the digit in the tens place is 5 or greater than 5, we round up.
If it is smaller than 5, we keep to the same.

849 ≈ 800 (keep to the same in the hundreds place)

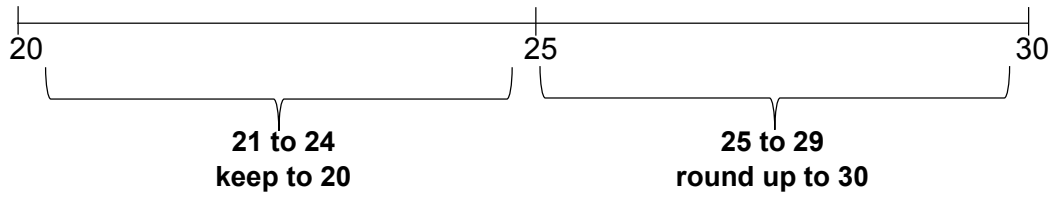
850 ≈ 900 (round up in the hundreds place)

If you are rounding a number to the **nearest ten,** you should look at the digit in the **ones** place.

24 ≈ 20 (keep to the same in the tens place)

28 ≈ 30 (round up in the tens place)

To help yourself, you may also use a number line.



Example 4:

A mass of a book is 289 g. Round the mass of the book to the nearest ten.



❶ Look at the digit in the ones place.
❷ Do you round up or keep to the same in the tens place?

_____

Section B

Show your working clearly and write your answer in the space provided. The number of marks is shown in brackets [ ] at the end of each question or part-question. [28 marks]

13) Round the following numbers to the nearest ten. [3]

a) 704 ≈ _____ b) 695 ≈ _____ c) 348 ≈ _____

14) Round the following numbers to the nearest hundred. [3]

a) 5615 ≈ _____ b) 2348 ≈ _____ c) 438 ≈ _____

15) Round the following numbers to the nearest thousand. [3]

a) 10 549 ≈ _____ b) 3147 ≈ _____ c) 1486 ≈ _____

16) Round the following numbers to the nearest ten thousand. [3]

a) 20 639 ≈ _____ b) 33 967 ≈ _____ c) 51 499 ≈ _____

17) Round the following numbers to the nearest hundred thousand. [3]

a) 120 854 ≈ _____ b) 313 246 ≈ _____ c) 451 399 ≈ _____

18) Hansel and Gretel have left some breadcrumbs to help them to find their way home, but they need some help. Can you shade the boxes with the correct answers for questions 13 to 17 to help them find their way home? The boxes cannot be connected diagonally to form a path. [3]



Start



700	600	340	310 000
350	110 000	400	2300
400	100 000	3200	2400
11 000	5600	3000	700
52 000	300 000	10 500	500 000
1000	400 000	2000	20 000
3000	33 000	120 000	30 000
Danger !	690	700	**Home**



19) Find the value of 90.7 – 3.73, rounding off your answer to 1 decimal place.

Ans:_____ [2]

20) Valarie's monthly salary is $3990. She spends $2899 a month. How much will she save in 3 years? Express her savings to the nearest thousand dollars.

Ans:_____ [2]

21)When a certain number is rounded off to the nearest 100, the answer is 13 500. What is the smallest possible whole number?

Ans:_____ [2]

22) Ismail had $13.00 when he expressed his money to the nearest whole dollar. What is the minimum possible amount that he had?

Ans:_____ [2]

23) When Dian divides a certain whole number by 7, the answer is 4000 when it is rounded off to the nearest thousand. What is the largest possible whole number which Dian has used?

Ans:_____ [2]