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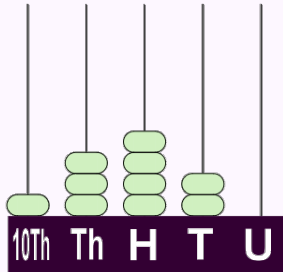
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1 1-minute Revision

Concept Review

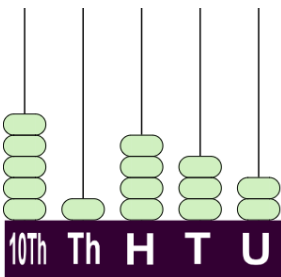


- '1' is in the **ten thousands** place. It stands for 10000.
- '3' is in the **thousands** place. It stands for 3000.
- '4' is in the **hundreds** place. It stands for 400.
- '2' is in the **tens** place. It stands for 20.
- '0' is in the **units** place. It stands for 0.
- 13420 is written in words as thirteen **thousand** four **hundred** and twenty.

2 Basic Practice

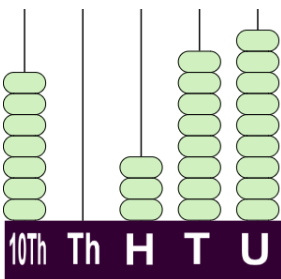
Fill in the blanks.

1.



- '5' is in the _____ place and stands for _____.
- '1' is in the _____ place and stands for _____.
- '4' is in the _____ place and stands for _____.
- '3' is in the _____ place and stands for _____.
- '2' is in the _____ place and stands for _____.

2.



- '_____' is in the tens place and stands for _____.
- '_____' is in the ten thousands place and stands for _____.
- '_____' is in the units place and stands for _____.
- '_____' is in the hundreds place and stands for _____.
- '_____' is in the thousands place and stands for _____.

3. The largest 5-digit even number is _____.
- The smallest 5-digit odd number is _____.

4. Write 'forty-eight thousand and nine' in numerals.

Answer: _____

According to the number pattern, write the correct number in each . Then circle the answers.

5. 38418 38419 38422 Counting (on / back)

6. 50001 49998 49997 Counting (on / back)



Date

Time used minutes

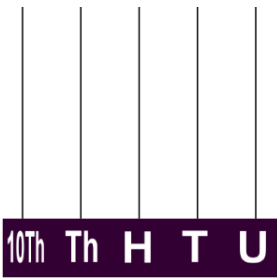
Marks

Write the following numbers in words. Then circle the answers.

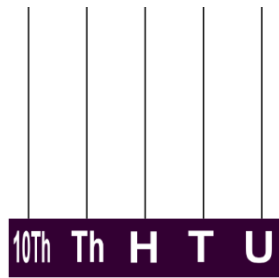
7. 60127 is written in words as _____.
It is an (odd / even) number.
8. 34090 is written in words as _____.
It is an (odd / even) number.

Draw beads on the abacuses below to represent the numbers.

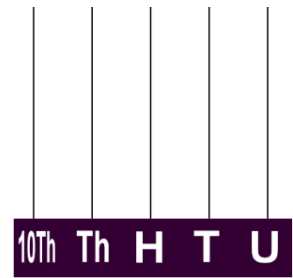
9. 31052



10. Twenty-three thousand and six hundred



11. Forty thousand and two



3 Advanced Practice

Blacken the next to the correct answer.



12. In which of the following numbers is the digit '8' in the thousands place?
 A. 82945 B. 28945 C. 29845 D. 29485



13. In the number 38376, what is the difference in value between the two digits '3'?
 A. 27000 B. 29700 C. 2970 D. 270

Useful Tips

What are the values of the two digits '3' respectively?

14. Which of the following numbers has a digit in the ten thousands place that is 1 smaller than the digit in the hundreds place?
 A. 54693 B. 31275 C. 23419 D. 98210

Complete the following.

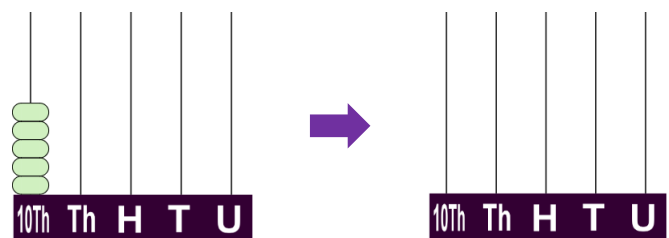


15. Write a 5-digit number in the box on the right according to the instructions below.
 The digit '5' is in the hundreds place.
 The digit '8' is in the thousands place. The digit '6' is in the tens place.
 The digit '2' is in the units place. The digit '1' is in the ten thousands place.

--	--	--	--	--



16. Move the beads from the left abacus to the right abacus to form the smallest 5-digit odd number.
 It is _____.



Assessment 2

Time allowed: **30**min

Name: _____ Class: _____ () Date: _____

Assessment Points		Questions	Marks
Division	Division operations, problems involving multiplication and division	1-8	/ 42
Parallel lines and quadrilaterals	Parallel lines, parallelograms and trapeziums	9-15	/ 28
Weight	Gram, kilogram	16-21	/ 30
Total marks:			/ 100

- Instructions**
- **Multiple choice questions:** Blacken the next to the correct answer.
 - **Questions in which you are asked to 'show your working':**
Write your mathematical expressions, answers, and statements / conclusions.
 - **Other types of questions:** Answer as required in the spaces provided.

1. Do the following calculations.

a. $45 \div 3 =$ _____

b. $593 \div 4 =$ _____

c. $609 \div 2 =$ _____

2. Use the 3 number cards on the right to form the smallest 3-digit even number. The quotient of this 3-digit even number divided by 5 is _____.



3. Ron plays rope skipping for 196 minutes a week. He plays rope skipping for _____ minutes each day on average.

4. Cindy exchanges 326 one-dollar coins for five-dollar coins.

a. She can exchange for _____ five-dollar coins at most.

b. She still needs \$ _____ for exchanging 1 more five-dollar coin.

5. A fruit shop worker puts apples into 9 boxes on average. There are 36 apples in each box.

There are _____ apples in the shop in total.

6. A supermarket worker packs some potatoes in a bag as shown on the right. 87 potatoes can be packed into _____ bags and _____ potato(es) is/are left.



Marks

2M

2M

2M

4M

4M

4M

4M

4M

4M

Cross-topic Exercise

Complete the following.

1. The following shows the time that Mr Cheung stored his luggage.

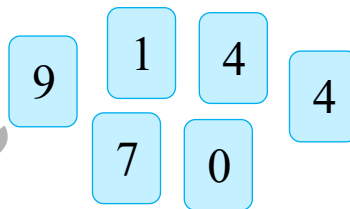


Starting time



Ending time

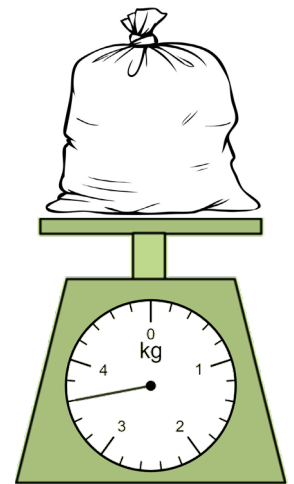
- Mr Cheung stored the luggage for _____ hour(s).
- He paid \$147 for the luggage storage fee in total. The average hourly fee is \$_____.
- The password for his luggage locker is the largest 5-digit even number, made from the number cards on the right.
The password is _____.



Useful Tips
How many number cards should be used to form a 5-digit number?

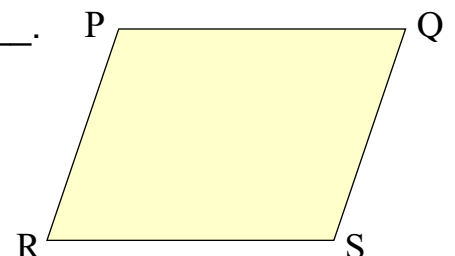
2. The charge for laundry is shown below.

Charge for laundry	
Each kg	\$19
Less than 1 kg is also counted as 1 kg	



- The weight of the clothes on the right is _____ g.
- Mrs Cheung wants to wash the clothes on the right. How much should she pay? (Show your working)

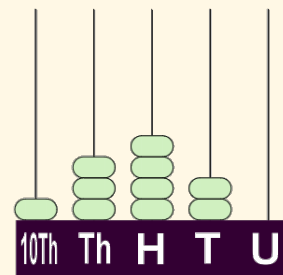
- The 2-D shape on the right is a _____. It has _____ pair(s) of parallel opposite sides.
 - PR and _____ are parallel to each other.
 - The length of RS is _____ mm.



Unit 1: 5-digit numbers (Exercises 1-2)

1. 5-digit numbers

- '1' is in the ten thousands place. It stands for 10000.
- '3' is in the thousands place. It stands for 3000.
- '4' is in the hundreds place. It stands for 400.
- '2' is in the tens place. It stands for 20.
- '0' is in the units place. It stands for 0.
- 13420 is written in words as thirteen thousand four hundred and twenty.



2. Comparing numbers

- Compare 18415 and 18375.

Ten thousands place	Thousands place	Hundreds place	Tens place	Units place
1	8	4	1	5
1	8	3	7	5

1. First compare the digits in the **ten thousands place**. The digits are the same.
2. Then compare the digits in the **thousands place**. The digits are the same.
3. Then compare the digits in the **hundreds place**. $4 > 3$
 → $18415 > 18375$

Unit 2: Multiplication (Exercises 3-5)

1. Multiplication of 2-digit number and 1-digit number

$$34 \times 6$$

$$= 204$$

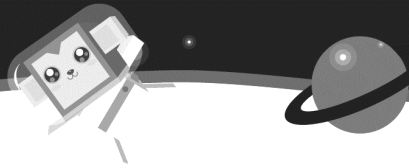
1. First **multiply the digit in the units place**.
2. Then **multiply the digit in the tens place**.
3. Pay attention to **carrying**.

2. Multiplication of 3-digit number and 1-digit number

$$8 \times 231$$

$$= 1848$$

1. First **multiply the digit in the units place**.
2. Then **multiply the digit in the tens place**.
3. Last **multiply the digit in the hundreds place**.



(Solutions are for reference only)

1 5-digit numbers

- ten thousands, 50000; thousands, 1000; hundreds, 400; tens, 30; units, 2
- 8, 80; 7, 70000; 9, 9; 3, 300; 0, 0

Common mistake:

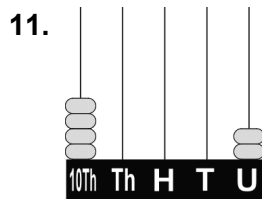
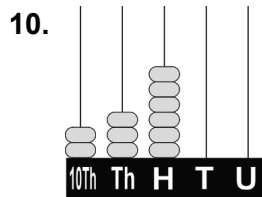
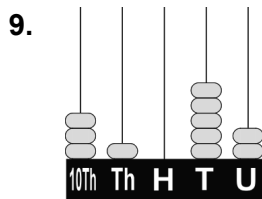
- Neglect the instruction of the place value in the question and mistakenly answer in the order from the ten thousands place to the units place.

- 99998, 10001
- 48009

Common mistake: 4809 ✗

- Neglect to put 0 both in the hundreds place and tens place.

- 38420, 38421, onwards
- 50000, 49999, backwards
- sixty thousand one hundred and twenty-seven, odd
- thirty-four thousand and ninety, even



12. B

MCQ Explanation

Wrong choice	Reason
A, C, D	Cannot master the ten thousands place, the thousands place, the hundreds place and the tens place.

13. B

[$30000 - 300 = 29700$]

MCQ Explanation

Wrong choice	Reason
A	Miscalculated as $30000 - 3000 = 27000$.
C	Miscalculated as $3000 - 30 = 2970$.
D	Miscalculated as $300 - 30 = 270$.

14. A

[In 54693, '5' is in the ten thousands place and '6' is in the hundreds place. The digit in the ten thousands place is $(6 - 5 = 1)$ smaller than that in the hundreds place.]

MCQ Explanation

Wrong choice	Reason
B	Mistakenly regard that the requirement is 'the digit in the hundreds place is 1 smaller than that in the ten thousands place'.
C	Mistakenly regard that the requirement is 'the digit in the thousands place is 1 smaller than that in the hundreds place'.
D	Mistakenly regard that the requirement is 'the digit in the thousands place is 1 smaller than that in the ten thousands place'.

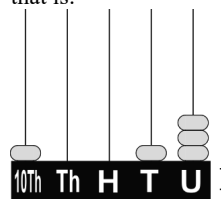
15. 18562

Common mistake: 58621 ✗

- Neglect the instruction of the place value in the question.

16. 10013

[Put 1 bead in the ten thousands place and the remaining 4 beads in the units place to form the smallest 5-digit number. As it is an even number, put one of the beads from the units place to the tens place, that is:



Common mistake: 10004 ✗

- Neglect the requirement of 'odd number' in the question.

2 Comparing numbers

1. >
2. <
3. <
4. >
5. 21460, 20146, 10146
6. 74928, 74982, 79482, 79842
7. a. 74201

[Arrange the number cards from the largest to the smallest: 7, 4, 2, 1, 0. As the requirement of odd number must be fulfilled, an odd number is put in the units place. It means 1 and 0 are interchanged. The largest 5-digit odd number is 74201.]

- b. 10274

[Arrange the number cards from the smallest to the largest: 0, 1, 2, 4, 7. As the ten thousands place in a 5-digit number cannot be 0, 1 should be put in the ten thousands place. On the other hand, as the requirement of even number must be fulfilled, an even number is put in the units place. It means 4 and 7 are interchanged. The smallest 5-digit even number is 10274.]

8. a. A, C, F

Common mistake: 75400, 75001, 76503 ✗

- Neglect the instruction of writing the letters for the answers.

- b. B, E, A

Common mistake: A, B, E ✗

- Neglect the instruction of arranging from the smallest to the largest.

9. C

MCQ Explanation

Wrong choice	Reason
A	Mistakenly regard that '59832' is larger than '59894'.
B	Neglect that '59933' is not an even number.
D	Mistakenly regard that '60268' is smaller than '60252'.

10. B

[The 5-digit odd numbers that are larger than 59800 but smaller than 59810: 59801, 59803, 59805, 59807 and 59809. There are 5 numbers in total.]

MCQ Explanation

Wrong choice	Reason
A	Wrongly count the even numbers that are larger than 59800 but smaller than 59810. The units place is 2, 4, 6 and 8 respectively, with 4 in total.
C	Wrongly count the numbers that are larger than 59800 but smaller than 59810. The units place is from 1 to 9 respectively, with 9 in total.
D	Wrongly count the numbers from 59800 to 59810, with 11 in total.

11. 12805, 12085, 11958

Common mistake: Tuesday, Sunday, Monday ✗

- Neglect the instruction of arranging the number of downloads.

12. 19991 (Accept any reasonable answers)

Common mistake:

- Neglect the requirement of 'odd number' in the question.

13. a. 12249, 12429, 14229

[Arrange the number cards from the smallest to the largest, that is 1, 2, 2, 4, 9. When 1 is in the ten thousands place, the 5-digit numbers can be smaller than 20000. In order to fulfil the requirement of odd numbers, an odd number 9 should be put in the units place. Thus, the remaining number cards 2, 2, 4 can be put in the thousands place, hundreds place and tens place. Arrange them from the smallest to the largest: 12249, 12429 and 14229.]

- b. 24912

[Form a 5-digit number that is the nearest to 25000, that is 2, 4, 9, 2, 1. In order to fulfil the requirement of even number, an even number is put in the units place. Therefore, 2 and 1 are interchanged, that is 24912.]

14. a. 71132

[Arrange the number cards from the largest to the smallest: 7, 3, 3, 2, 1, 1. As the ten thousands place of the 5-digit number cannot be smaller than 4, 7 should be put in the ten thousands place. On the other hand, the requirement of even number must be fulfilled, an even number 2 is put in the units place. Take out three of the remaining number cards 3, 3, 1, 1, and put them in the thousands place, hundreds place and tens place. The smallest number 71132 is formed.]