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## WORKSHEET 2 GRADE 4 Place Value

1. Match the following:

Number	Expanded form
i) 14,629	a) Twenty-one thousand seven hundred forty-six
ii) 56,904	b) Fourteen thousand six hundred twenty-nine
iii) 21,746	c) Fifty-six thousand nine hundred four

2. Find out the place value of each digit:

i) 5,665

Ten Thousand	Thousand	Hundred	Tens	Ones

ii) 12,888

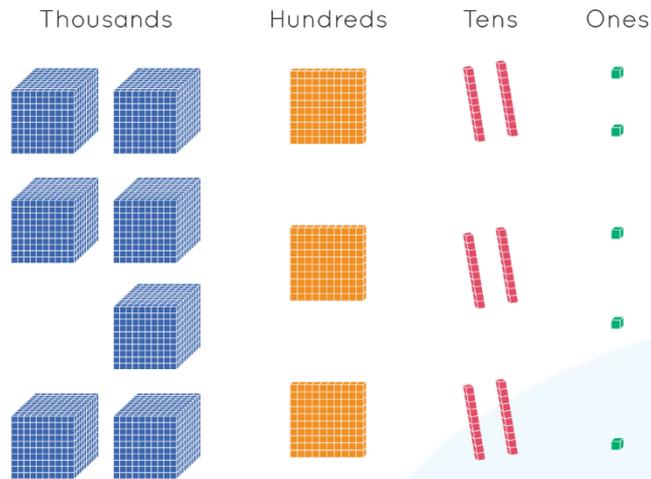
Ten Thousand	Thousand	Hundred	Tens	Ones

iii) 87,987

Ten Thousand	Thousand	Hundred	Tens	Ones

3. Ginger wants to know the number of Tens in 54,763. Help her find it.

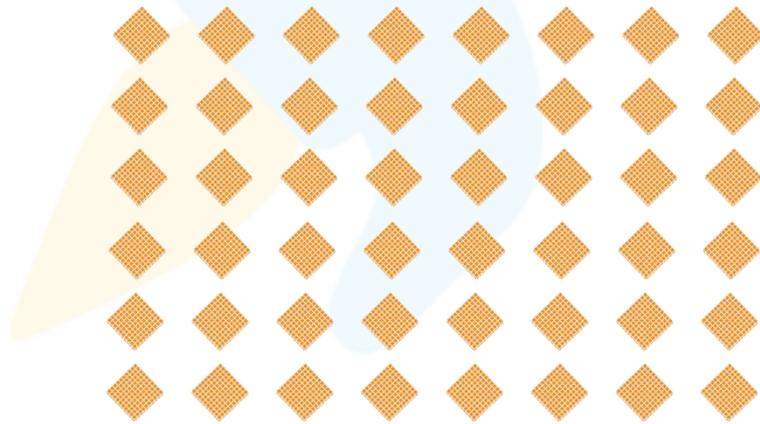
4. Find out the place value of the given blocks.



5. Name the place value of 3 in each of the following:

i) 23,576 ii) 75,329 iii) 371,298

6. How many thousands can be formed from the given blocks, also find out the hundreds left.

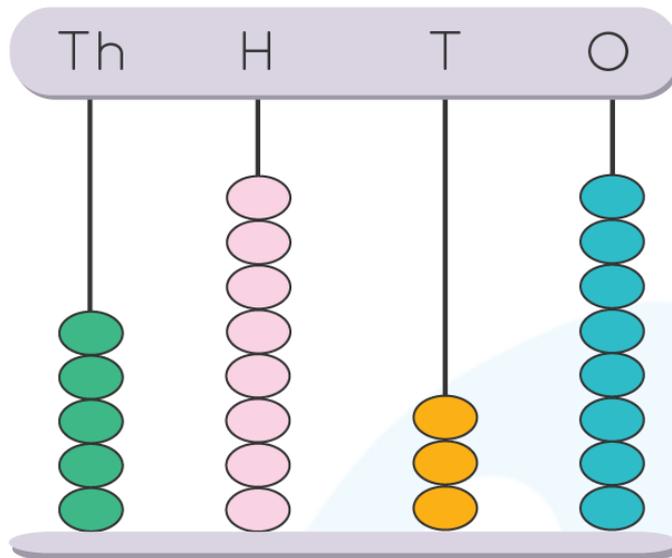


\_\_\_\_\_ thousands, \_\_\_\_\_ hundreds.

7. Write the numbers given below in expanded form:

i) 6,743 ii) 225,546 iii) 51,796

8. Write down the number formed by the abacus given below.



9. Write the numbers given below in standard form:

i)  $6000 + 700 + 9$

ii)  $80000 + 5000 + 90 + 7$

iii)  $300000 + 3000 + 600 + 7$

10. Write the numbers in standard form.

i) Six hundred thousand five thousand thirty-two.

ii) Five hundred thousand four hundred twenty-three.

iii) Three thousand four hundred five

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- Barbara Cabrera

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## ANSWERS

1. i) b) ii) c) iii) a)	2. i) <table border="1" style="margin: 5px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">Th</th> <th style="padding: 5px;">H</th> <th style="padding: 5px;">T</th> <th style="padding: 5px;">O</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">5</td> <td style="padding: 5px;">6</td> <td style="padding: 5px;">6</td> <td style="padding: 5px;">5</td> </tr> </tbody> </table> ii) <table border="1" style="margin: 5px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">T</th> <th style="padding: 5px;">Th</th> <th style="padding: 5px;">H</th> <th style="padding: 5px;">T</th> <th style="padding: 5px;">O</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">1</td> <td style="padding: 5px;">2</td> <td style="padding: 5px;">8</td> <td style="padding: 5px;">8</td> <td style="padding: 5px;">8</td> </tr> </tbody> </table> iii) <table border="1" style="margin: 5px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="padding: 5px;">T</th> <th style="padding: 5px;">Th</th> <th style="padding: 5px;">H</th> <th style="padding: 5px;">T</th> <th style="padding: 5px;">O</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">8</td> <td style="padding: 5px;">7</td> <td style="padding: 5px;">9</td> <td style="padding: 5px;">8</td> <td style="padding: 5px;">7</td> </tr> </tbody> </table>	Th	H	T	O	5	6	6	5	T	Th	H	T	O	1	2	8	8	8	T	Th	H	T	O	8	7	9	8	7	3. 5,476 tens	4. 7,365	5. i) Thousands ii) Hundreds iii) Hundred thousands.
Th	H	T	O																													
5	6	6	5																													
T	Th	H	T	O																												
1	2	8	8	8																												
T	Th	H	T	O																												
8	7	9	8	7																												
6. 4 thousands 8 hundreds	7. i) $6,000 + 700 + 40 + 3$ ii) $200,000 + 20,000 + 5,000 + 500 + 40 + 6$ iii) $50,000 + 1,000 + 700 + 90 + 6$	8. 5,838	9. i) 6,709 ii) 85,097 iii) 303,607	10. i) 605,032 ii) 500,423 iii) 3,405																												



## SOLUTIONS

Complete solution/explanation

1.

Write each number in words.

i) Writing numbers according to their place value, counting from left

9 is at ones place, 2 is at Tens, 6 is at Hundreds place, 4 is at Thousands place, and 1 is at Ten thousands place.

Hence, answer is : Fourteen thousand six hundred twenty nine

ii) Writing numbers according to their place value, counting from left

4 is at ones place, 0 is at Tens, 9 is at Hundreds place, 6 is at Thousands place, and 5 is at Ten thousands place.

Hence, answer is: Fifty six thousand nine hundred four

iii) Writing numbers according to their place value, counting from left

6 is at ones place, 4 is at Tens, 7 is at Hundreds place, 1 is at Thousands place, and 2 is at Ten thousands place.

Hence, answer is: Twenty one thousand seven hundred forty six

2.

i) Writing numbers according to their place value, counting from left

5 is at ones place, 6 is at Tens, 6 is at Hundreds place, 5 is at Thousands place.

ii) Writing numbers according to their place value, counting from left

8 is at ones place, 8 is at Tens, 8 is at Hundreds place, 2 is at Thousands place, and 1 is at Ten thousands place.

iii) Writing numbers according to their place value, counting from left

7 is at ones place, 8 is at Tens, 9 is at Hundreds place, 7 is at Thousands place, 8 is at Ten thousands place.

3.

Writing numbers according to their place value, counting from left

3 is at ones place, 6 is at Tens, 7 is at Hundreds place, 4 is at Thousands place, 5 is at Ten thousands place.

To find the number of Tens in a given number, mark the place value across each digit in the number. Ignore the digits up to the tens place from the right end, the number formed by the combined digits following the tens place is our answer.

Here, 54,763 have 5,476 hundreds in it.

4. There are 7 blocks of thousands, 3 blocks of hundreds, 6 blocks of tens and 5 blocks of ones.

Hence, our answer according to their place value is 7,365.

5. i) Writing numbers according to their place value,

Ten Thousands	Thousands	Hundreds	Tens	Ones
2	3	5	7	6

Here, 3 is at Thousands place.

ii) Writing numbers according to their place value,

Ten Thousands	Thousands	Hundreds	Tens	Ones
7	5	3	2	9

Here, 3 is at Hundreds place.

iii) Writing numbers according to their place value,

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones
3	7	1	2	9	8

Here, 3 is at Hundred Thousands place.

6. There are 48 blocks of hundreds. Ten blocks of hundreds make one thousands. Hence there are 4 thousand and 8 hundreds in the given figure.

7. There are 8 ones, 3 Tens, 8 Hundreds, 5 Thousands. Hence, the number formed by the abacus is 5,838.

8.

i) Expanding according to their place values, here, 3 is at ones place, 4 is at Tens, 7 is at Hundreds place, and again 6 is at Thousands place.

$$\text{Hence, } 6,743 = 6,000 + 700 + 40 + 3$$

ii) Here, 6 is at ones place, 4 is at Tens, 5 is at Hundreds place, 5 is at Thousands place, and 2 is at Ten Thousands place, 2 is at Hundred thousands place.

$$\text{Hence, } 225,546 = 200,000 + 20,000 + 5,000 + 500 + 40 + 6$$

iii) Here, 6 is at ones place, 9 is at Tens, 7 is at Hundreds place, 1 is at Thousands place, and 5 is at Ten Thousands place.

$$\text{Hence, } 51,796 = 50,000 + 1,000 + 700 + 90 + 6$$

9.

i) There are 6 Thousands, 7 Hundreds, 9 Ones in the given number, writing them according to their place value, we have : 6,709

ii) There are 8 Ten thousands, 5 thousands, 9 Tens and 7 Ones in the given number, writing them according to their place value, we have : 85,097

iii) There are 3 Hundred Thousands, 3 Thousands, 6 Hundreds and 7 Ones in the given number, writing them according to their place value, we have : 303,607.

10.

i) 605,032

ii) 500,423

iii) 3,405



## FUN FACT

- 1) The place value increases by 10 times on moving left.
- 2) The place value decrease by 10 times on moving right.
- 3) Place value and face value are not the same things.

