

Pi Academy

YEAR 4

Numbers & Place Value Assessment - 1

Instructions:

1. The time allowed is 20 minutes for 20 questions
2. Follow the instructions and work as quickly and as carefully as you can.
3. If you need to do working out, you can use the space around the question.
4. The number under each question at the right side of the page tells you the number of marks available for each question.
5. No Marks are lost for an incorrect answer.
6. If you have written the wrong answer, erase it and write the new one. Make sure that your final answer is clear.

Total Marks	Marks Achieved (To be filled by Parent/Teacher)
25 Marks	

Symbols used:



Go to the next
page.



Do not turn the page
until told to do so.



Stop working and
await instructions.

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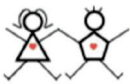


Year 4 Objectives for Place value and Numbers according to KS2 Curriculum	Questions	Marks
Count in multiples of 6, 7, 9, 25 and 1,000	12	1 Mark
Order and compare numbers beyond 1,000	4, 6, 15	3 Marks
Find 1,000 more or less than a given number	17	1 Mark
Recognise the place value of each digit up to a four digit number (thousands, hundreds, tens and ones)	2, 5, 13, 20	5 Marks
Read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value	10	2 Marks
Identify, represent and estimate numbers using different representations	1, 14	3 Marks
Round any number to the nearest 10, 100 or 1,000	3, 18, 19	4 Marks
Count backwards through zero to include negative numbers		
Solve number and practical problems that involve the above points	7, 8, 9, 16	5 Marks

Other Important Topics Assessed	Questions	Marks
Even and Odd numbers	11	1 Mark
Square and cube number		
Prime numbers		

Total - 25 Marks





1

Write down how many thousands, hundreds, tens and units are in each number.

a) $345 = \boxed{}$ Hundreds + $\boxed{}$ tens + $\boxed{}$ Units

b) $1024 = \boxed{}$ Thousands + $\boxed{}$ Units + $\boxed{}$ tens

2 Marks

2

Write down the number based on the given place values.
One has been done for you

5 Tens + 2 Units = 52

a) 6 Hundreds + 5 Tens + 2 Units = $\boxed{}$

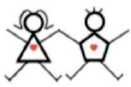
b) 7 Hundreds + 6 Units = $\boxed{}$

c) 8 Thousands + 4 Tens = $\boxed{}$

d) 9 Hundreds + 5 Units + 6 Tens = $\boxed{}$

2 Marks



**3**

Round the numbers and complete the table.

	Rounded to nearest 10	Rounded to nearest 100	Rounded to the nearest 1000
126			
1545			

2 Marks

4

Compare and order the following sets of numbers.

2347 2437 3247 2734 3274

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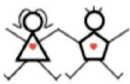
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1 Mark





5

Write the value (in words) of the underlined digit in each of these numbers.

One has been done for you.

1650 → Six hundred

a) 27520 →

b) 95245 →

1 Mark

6

Martin wanted to know which is the 3rd tallest mountain in the world.

He did some research and listed the mountains and their heights in a random order in the chart below.

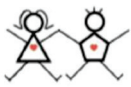


Mountain name	Height in ft
Makalu	27838
Kangchenjunga	28169
Lhotse	27940
Mount Everest	29029
K2	28251

What is the 3rd tallest mountain listed in the chart above?

1 Mark





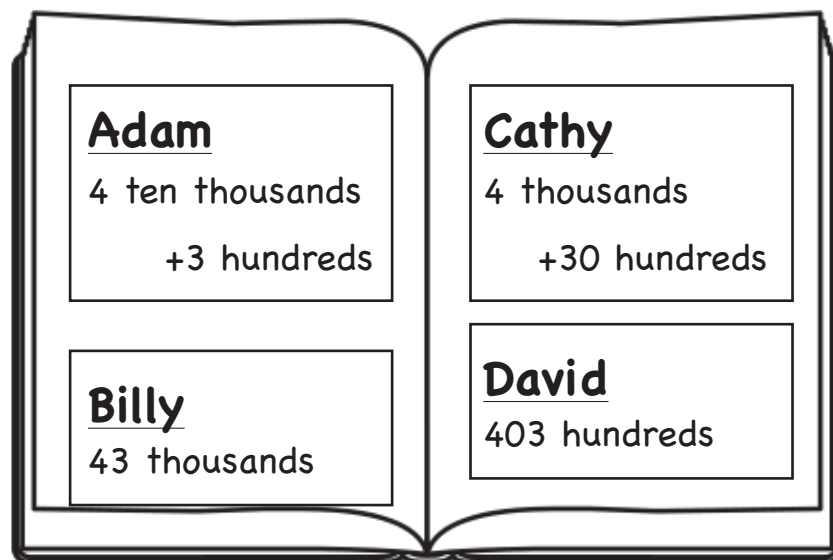
7

I have four thousands, two units and 6 hundreds.
What number am I?

1 Mark

8

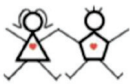
Look at the students' work in the notebook.



Which two students named the same number?

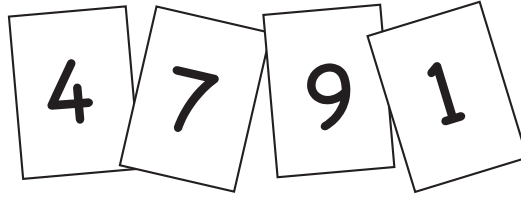
1 Mark





9

Use each of these 4 digit cards once to make a number:



a) What is the largest 4 digit number?

b) What is the smallest 4 digit odd number?

2 Marks

10

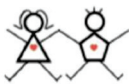
Write the standard number next to each Roman Numeral.

a) XXVI -

b) LXVIII -

2 Marks



**11**

Write if the statements below are True or False.

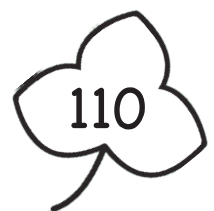
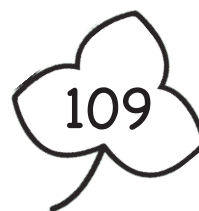
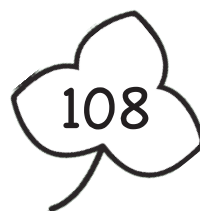
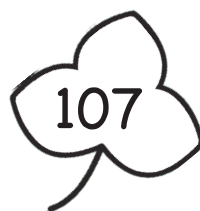
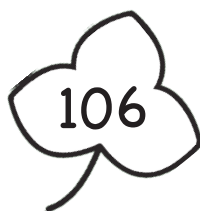
- a) When I add an even number and an odd number,
I always get an odd number as the answer.

- b) When I subtract an odd number from an even number,
I always get an even number as the answer.

1 Mark

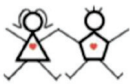
12

Circle the leaf which has the number that is multiple of both 6 and 9.



1 Mark



**13**

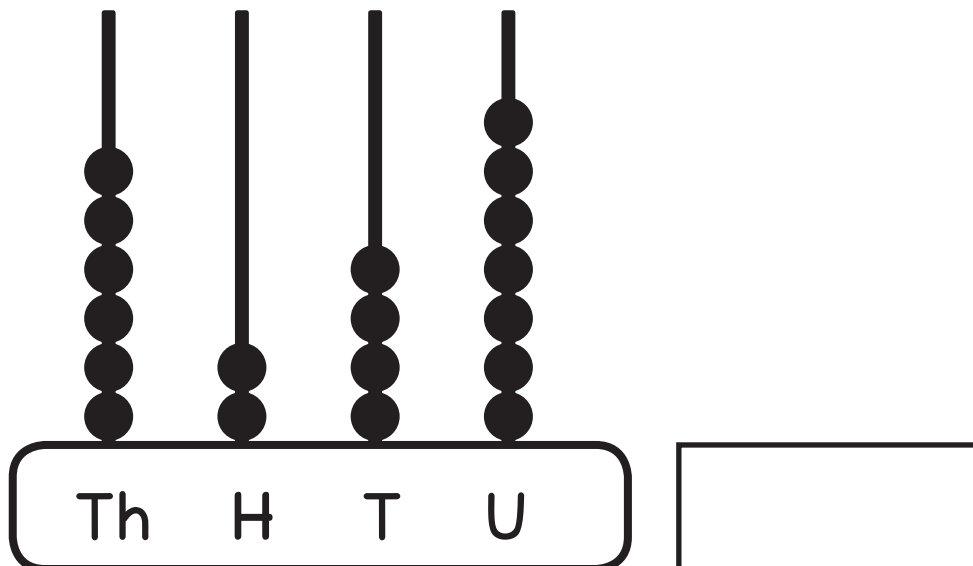
Circle the number in which the digit 4 has the greatest value.

- a) 597,456
- b) 694,823
- c) 185,874
- d) 753,645
- e) 435,457

1 Mark

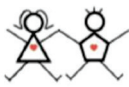
14

Write the number shown on this abacus.



1 Mark



**15**

Write an even number inside each missing box so that the 5 cards are in numerical order.

	5660	5671		5690
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1 Mark

16

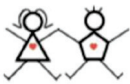
Can you use your place value and number understanding to figure out this number?

- This is a 4-digit number.
- The hundreds digit is the same as the tens digit.
- The units digit is twice the thousands digit.
- The first two digits form the first two-digit square number.

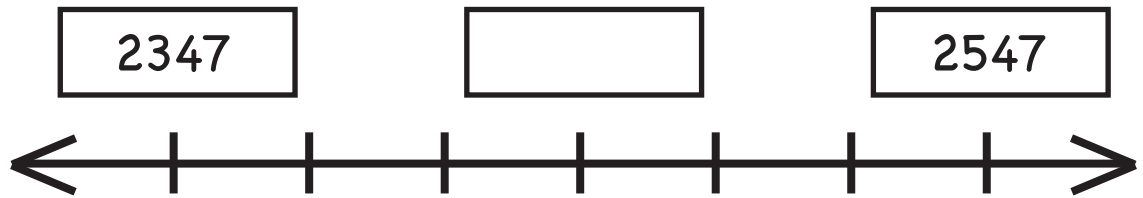
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1 Mark



**17**

Write the half-way number on this number line.



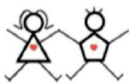
1 Mark

18

What is the smallest number that, when rounded to the nearest 100, becomes 700?

1 Mark



**19**

Draw a line to match each of the numbers to the nearest 100.
One has been done for you.

37762	12400
37732	37700
36650	36700
36649	37800
12379	36600

1 Mark

20

Write the number that should go in the empty box.

$$56826 = 50000 + \boxed{} + 800 + 20 + 6$$

1 Mark

END OF THE TEST