

Q4-Q5 (Palindrome) Day 133 Name: _____

1. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 400**? Write your answer in the space below.

b) **How many** palindromes are there **between 100 and 150**? Write your answer in the space below.

2. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 200**? Write your answer in the space below.

b) **How many** palindromes are there **between 150 and 200**? Write your answer in the space below.

3. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 500**? Write your answer in the space below.

b) **How many** palindromes are there **between 130 and 200**? Write your answer in the space below.

4. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 800**? Write your answer in the space below.

b) **How many** palindromes are there **between 200 and 270**? Write your answer in the space below.

5. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **smallest** palindrome which is **more than 300**? Write your answer in the space below.

b) **How many** palindromes are there **between 190 and 280**? Write your answer in the space below.

6. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 900**? Write your answer in the space below.

b) **How many** palindromes are there **between 220 and 300**? Write your answer in the space below.

7. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **smallest** palindrome which is **more than 600**? Write your answer in the space below.

b) **How many** palindromes are there **between 250 and 330**? Write your answer in the space below.

8. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 700**? Write your answer in the space below.

b) **How many** palindromes are there **between 280 and 340**? Write your answer in the space below.

9. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **smallest** palindrome which is **more than 1000**? Write your answer in the space below.

b) **How many** palindromes are there **between 350 and 450**? Write your answer in the space below.

10. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 5000**? Write your answer in the space below.

b) **How many** palindromes are there **between 360 and 410**? Write your answer in the space below.

11. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **smallest** palindrome which is **more than 9000**? Write your answer in the space below.

b) **How many** palindromes are there **between 500 and 600**? Write your answer in the space below.

12. A number is a **palindrome** if it looks **the same backwards as forwards**. For example, the three numbers: 232, 16061 and 11311 are all palindromes.

a) What is the **biggest** palindrome which is **less than 10,000**? Write your answer in the space below.

b) **How many** palindromes are there **between 600 and 800**? Write your answer in the space below.

Answers

- | | |
|------------|-------|
| 1. a) 393 | b) 5 |
| 2. a) 191 | b) 5 |
| 3. a) 494 | b) 7 |
| 4. a) 797 | b) 7 |
| 5. a) 303 | b) 9 |
| 6. a) 898 | b) 8 |
| 7. a) 606 | b) 8 |
| 8. a) 696 | b) 6 |
| 9. a) 1001 | b) 10 |
| 10.a) 4994 | b) 5 |
| 11.a) 9009 | b) 10 |
| 12.a) 9999 | b) 20 |