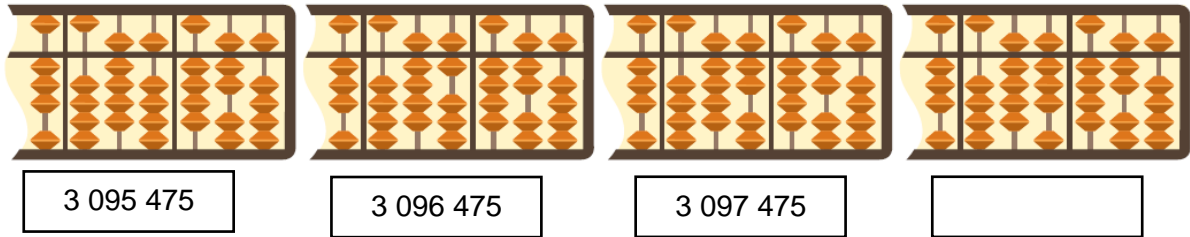


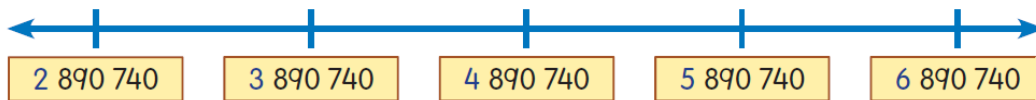
1.1 Number pattern

Self-practice 1.0 (code : Y6U1-1.0)

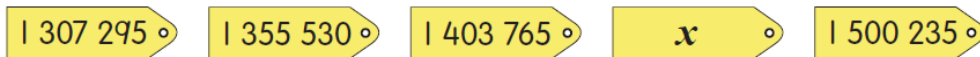
1. What is the below number pattern?



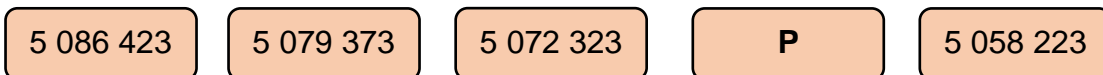
2. State the number pattern.



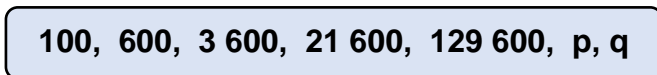
3. Look of the number pattern below. What is the value of x ?



4. The number cards below are arranged in descending order. What is the value of P ?



5. Look at the number pattern below. What is the values of p ?



6. What is the number pattern below? State the value of t ?

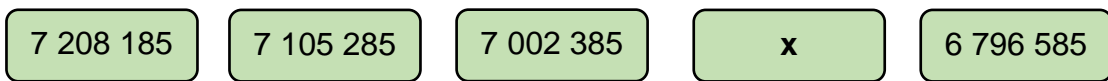


7. The picture below shows a number pattern.

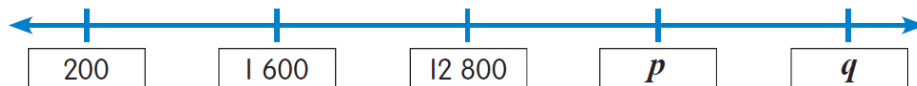


- a) State the number pattern
- b) What is the sixth number?
- c) Based on the number pattern, at which position is 4 964 116?

8. Five number cards are arranged in a pattern. State the value of x ?

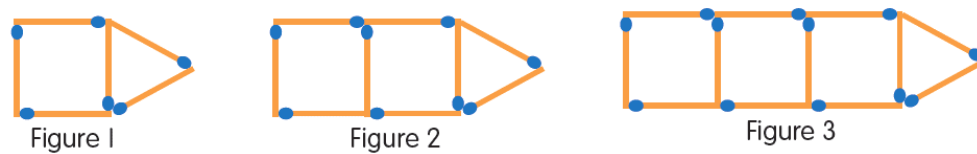


9. The picture below shows a number pattern.

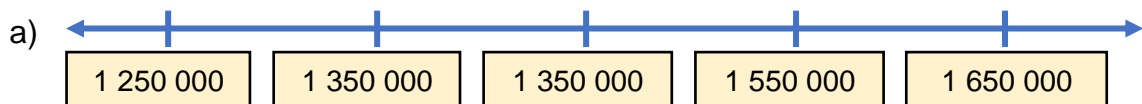


- a) What is the number pattern above?
- b) State the value of p and q .

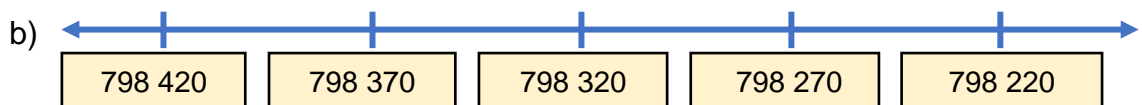
10. The figure above shows an arrangement of matchsticks in a pattern. What is the number of matchsticks in Figure 5?



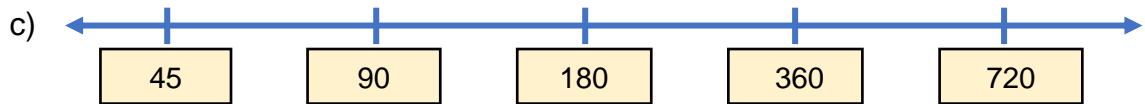
11. State the following number patterns.



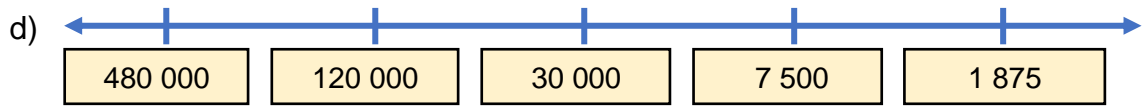
Number pattern : _____



Number pattern : _____

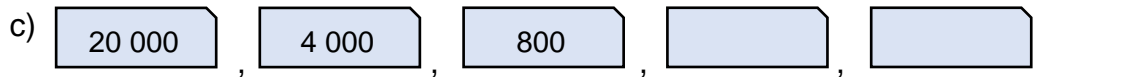
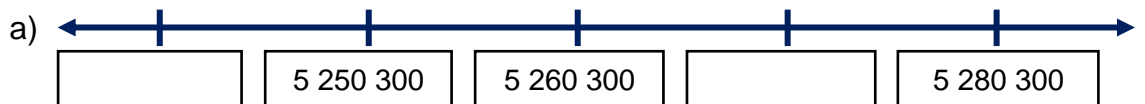


Number pattern : _____

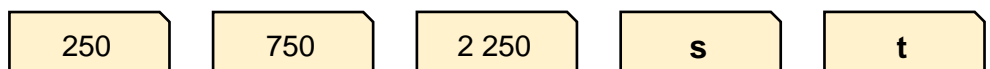


Number pattern : _____

12. Complete the following number pattern.

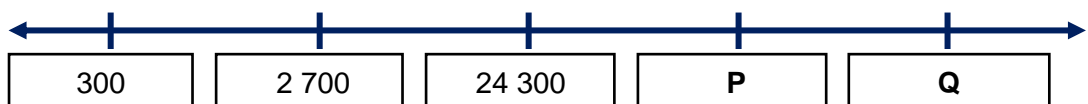


13. Answer each of the following questions.



- What are the values of **s** and **t**.
- State the above number pattern.
- The number on the first card is 250. What is the number on the 7th card.

14. Diagram shows a number line.



- State the number pattern diagram above.
- Determine the value of **P** and of **Q**.

15. Diagram shows a number pattern.



- State the number pattern diagram above.
- What is the 7th number?
- 5 363 117 is which term in that number pattern?

16. Identify the pattern of the following number series.

- | |
|-----------|
| 2 131 450 |
|-----------|

2 131 460

2 131 470

2 131 480

2 131 490

Number pattern : _____

- | |
|-----------|
| 4 670 325 |
|-----------|

4 670 225

4 670 125

4 670 025

4 669 925

Number pattern : _____

- | |
|-----------|
| 3 701 486 |
|-----------|

3 801 486

3 901 486

4 001 486

4 101 486

Number pattern : _____

- | |
|-----------|
| 7 295 143 |
|-----------|

6 295 143













5 295 143

4 295 143

3 295 143

Number pattern : _____

17. Complete each pattern by drawing the fifth diagram.

Number of sequences					
1	 1	 $1+2 = 3$	 $3+2 = 5$	 $5+2 = 7$	
2	 6	 $6+5 = 11$	 $11+5 = 16$	 $16+5 = 21$	
3	 $1 \times 1 = 1$	 $2 \times 2 = 4$	 $3 \times 3 = 9$	 $4 \times 4 = 16$	

18. Complete each number pattern.

- a)

Answer : _____

- b)

Answer : _____

- c)

Answer : _____

- d)

Answer : _____

- e)

Answer : _____

19. Tick (✓) the number patterns of each of the following.

- a)

Ascending order by ten thousands	<input type="checkbox"/>
Descending order by ten thousands	<input type="checkbox"/>

- b)

Descending order of division by tens	<input type="checkbox"/>
Descending order of division by fives	<input type="checkbox"/>

- c)

Ascending order by five hundreds	<input type="checkbox"/>
Descending order by five hundreds	<input type="checkbox"/>


20. Fill in the blanks.

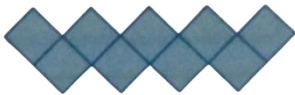


- a)

- b)

- c)

- d)

1	3 098 475
2	This number pattern is in descending order by millions
3	X: 1 452 000
4	P: 5 065 273
5	P: 777 600
6	t: 8
7	a) This number pattern is in ascending order by 100 000 b) 4 664 116 c) 9 th number
8	6 899 485
9	a) Multiply the previous number by 8 b) p: 102 400 q: 819 200
10	
11	a) Ascending order by hundred thousands b) Descending order by fifties c) Multiply the number before it by 2 d) Descending order divided by fours
12	a) 5 240 300, 5 270 300 b) 7 608 450, 7 606 450 c) 160, 32
13	a) s: 6 750, t: 20 250 b) Multiply the number before it by 3 c) 1 82 250

14	a) Multiple the previous number by 9 b) p: 218 700, q: 1 968 300
15	a) This number pattern is in ascending order by ten thousands b) 5 383 117 c) Fifth number
16	a) Ascending by tens b) Descending by hundreds c) Ascending by hundred thousands d) Descending by million
17	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>$7 + 2 = 9$</p> </div> <div style="text-align: center;">  <p>$21 + 5 = 26$</p> </div> <div style="text-align: center;">  <p>$5 \times 5 = 25$</p> </div> </div>
18	a) 2 366 000, 2 366 250 b) 7 116 330, 7 114 830 c) 4 578 125, 4 586 625 d) 25 000, 125 000 e) 200, 100
19	a) Descending order by ten thousands (\checkmark) b) Descending order of division by tens (\checkmark) c) Descending order by five hundreds (\checkmark)
20	a) 3 256 743 b) 4 130 725 c) 2 526 629 d) 5 096 721