

# Worksheet: Number Patterns: Multidigit Numbers



**Q1:** Find the next three terms in the following sequence:  
73,000, 72,000, 70,000, —, —, —.



Question Video

A 68,000, 66,000, 64,000

B 70,000, 67,000, 63,000

C 69,000, 68,000, 67,000

D 67,000, 63,000, 58,000

**Q2:** Complete the pattern: 35,000, 50,000, 65,000, —, —.

A 81,000, 96,000

B 80,000, 95,000

C 79,000, 94,000

D 78,000, 93,000

**Q3:** Complete the pattern: 50,000, 80,000, 110,000, ..., 170,000.

A 14,000

B 147,500

C 140,000

D 155,000

**Q4:** Complete the table below by following the pattern.

383	423	463
4,483	...	...
8,583	...	8,663

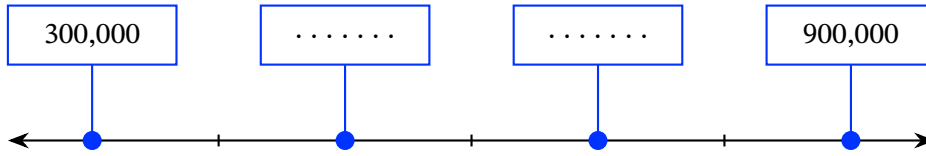
A 4,524, 4,564, 8,624

B 3,577, 3,537, 7,677

C 4,533, 4,573, 8,633

D 4,523, 4,563, 8,623

**Q5:** Complete the figure.

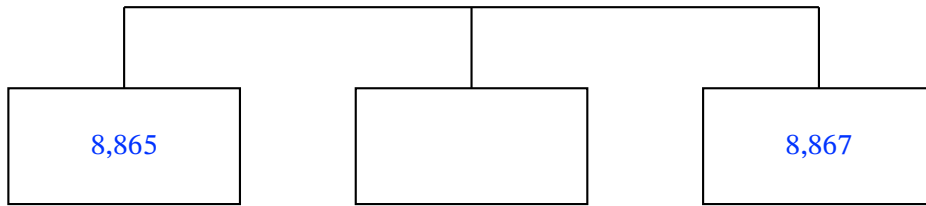


- A 320,000, 700,000
- B 320,000, 340,000
- C 500,000, 700,000
- D 302,000, 304,000

**Q6:** Complete the sequence: 5 939, 5 932, 5 925, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.

- A 5922, 5919, 5916, 5913
- B 5918, 5911, 5904, 5897
- C 5818, 5811, 5804, 5797
- D 5925, 5911, 5904, 5897

**Q7:** Which number lies between the two numbers?



- A 8,855
- B 8,875
- C 8,866
- D 8,861

**Q8:** Complete the following sequence: 2,250, 2,220, 2,190, —, —, —, —.

- A 2,160, 2,150, 2,140, 2,130
- B 2,160, 2,130, 2,100, 2,070
- C 2,160, 2,130, 2,070, 2,040
- D 2,190, 2,160, 2,130, 2,100

**Q9:** Are the following numbers in the same sequence:  
5,041, 5,541, 6,041, 6,541?

- A yes
- B no

**Q10:** Is  $73,611 + 52,388 <$ ,  $=$  or  $> 78 \times 786$ ?

A  $>$

B  $=$

C  $<$

**Q11:** What comes next? 9,159, 9,459, —, —, —.

A 9,764, 10,064, 10,364

B 8,559, 8,259, 7,959

C 9,759, 10,059, 10,359

D 9,754, 10,054, 10,354

**Q12:** Complete the following sequence: 8,000, 7,500, 7,000, —, —, —, —.

A 6,400, 5,900, 5,400, 4,900

B 6,500, 6,000, 5,500, 5,000

C 6,495, 5,990, 5,485, 4,980

D 7,000, 6,000, 5,500, 5,000

**Q13:** Complete the following sequence: 2,820, 2,825, 2,830, \_\_, \_\_, \_\_, \_\_.

A 2,835, 2,840, 2,845, 2,850

B 2,835, 2,840, 2,850, 2,855

C 2,845, 2,855, 2,865, 2,875

D 2,830, 2,835, 2,840, 2,845

**Q14:** Complete the pattern: 65,032,921, 65,042,921, 65,052,921, \_\_, \_\_.

A 65,062,921, 65,072,921

B 65,035,921, 65,036,921

C 65,031,921, 65,030,921

D 65,022,921, 65,012,921

**Q15:** Complete the following sequence: 3,900, 4,100, 4,300, \_\_, \_\_, \_\_, \_\_.

A 4,400, 4,500, 4,600, 4,700

B 4,600, 4,800, 5,000, 5,200

C 4,500, 4,700, 4,900, 5,100

D 4,500, 4,700, 5,100, 5,300

**Q16:** Complete the following sequence: 52,710, 52,410, 52,110, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_.

A 51,710, 51,410, 51,110, 50,810

B 52,103, 52,096, 52,089, 52,082

C 52,110, 51,810, 51,510, 51,210

D 51,810, 51,510, 51,210, 50,910

**Q17:** Find the next three terms. 62 000, 57 000, 53 000, \_\_\_\_, \_\_\_\_, \_\_\_\_.

A 50 000, 48 000, 47 000

B 53 000, 50 000, 48 000

C 49 000, 47 000, 47 000

D 50 000, 48 000, 46 000

**Q18:** Complete the pattern: 752,734, 749,734, 746,734, \_\_\_\_, \_\_\_\_.

A 743,734, 740,734

B 662,734, 632,734

C 751,834, 751,534

D 752,644, 752,614

**Q19:** Complete the pattern: 10,155, 32,375, 54,595, —, —.

A 74,815, 97,035

B 74,595, 96,815

C 76,815, 99,035

D 76,815, 97,035

**Q20:** Look at the pattern:

$$7 - 3 = 4$$

$$70 - 30 = 40$$

$$\text{—} - 300 = 400.$$

► What number is missing?

A 600

B 800

C 700

► What is the next equation in the pattern?

A  $8,000 - 4,000 = 3,000$

B  $70,000 - 30,000 = 40,000$

C  $7,000 - 3,000 = 4,000$



**Q21:** Complete the following sequence: 6 940, 6 895, 6 850, —, —, —, —.

A 6805, 6760, 6715, 6670

B 6705, 6660, 6615, 6570

C 6850, 6805, 6760, 6715

D 6846, 6842, 6838, 6834

**Q22:** Complete the pattern: 36,221, 47,332, 58,443, —, —.

A 68,443, 79,554

B 67,554, 78,665

C 70,665, 81,776

D 69,554, 80,665