

Pattern (Table)**GUIDED EXAMPLE 1**

Study the pattern below and complete the following table:

| Sequence | Number |
|----------|----------|
| 1 | 4 |
| 2 | 7 |
| 3 | 10 |
| 4 | 13 |
| 5 | () |
| : | : |
| 50 | () |
| : | : |
| : | : |
| () | 205 |

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GUIDED EXAMPLE 2

Study the patterns in the number sequence below.
What is the missing number in Row 1014?

| | |
|-----------------|----|
| Row 1 | 11 |
| Row 2 | 16 |
| Row 3 | 27 |
| Row 4 | 32 |
| Row 5 | 43 |
| Row 6 | 48 |
| ⋮ | ⋮ |
| ⋮ | ⋮ |
| ⋮ | ⋮ |
| Row 1014 | ? |

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GUIDED EXAMPLE 3

The numbers 1 to 500 are written in the columns as shown:

| A | B | C | D | E |
|----|----|------|------|------|
| 1 | 2 | 3 | 4 | 5 |
| 9 | 8 | 7 | 6 | |
| | 10 | 11 | 12 | 13 |
| 17 | 16 | 15 | 14 | |
| | 18 | 19 | 20 | 21 |
| 25 | 24 | 23 | 22 | |
| | 26 | | | |

If the pattern continues, in which column will the number 500 be written?

(AiTong Pri/P6 CA1/2011/Q18)

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GUIDED EXAMPLE 4

Using the table shown below, in which row can the number 102 be found?

| | | | | |
|--------------|---|----|----|------|
| Row A | | 5 | 11 | 17 |
| Row B | | 6 | 12 | 18 |
| Row C | 1 | 7 | 13 | 19 |
| Row D | 2 | 8 | 14 | 20 |
| Row E | 3 | 9 | 15 | 21 |
| Row F | 4 | 10 | 16 | |

(CHIJ Pri/P6 SA1/2011/Q19)

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GUIDED EXAMPLE 5

A table with 4 columns is filled with numbers in a certain pattern.
The first 4 rows of the table are shown below.

| | Column A | Column B | Column C | Column D |
|--------------|---------------------|---------------------|---------------------|---------------------|
| Row 1 | 1 | 2 | 3 | 4 |
| Row 2 | 8 | 7 | 6 | 5 |
| Row 3 | 9 | 10 | 11 | 12 |
| Row 4 | 16 | 15 | 14 | 13 |
| : | : | : | : | : |

In which row and column will the number 295 appear?