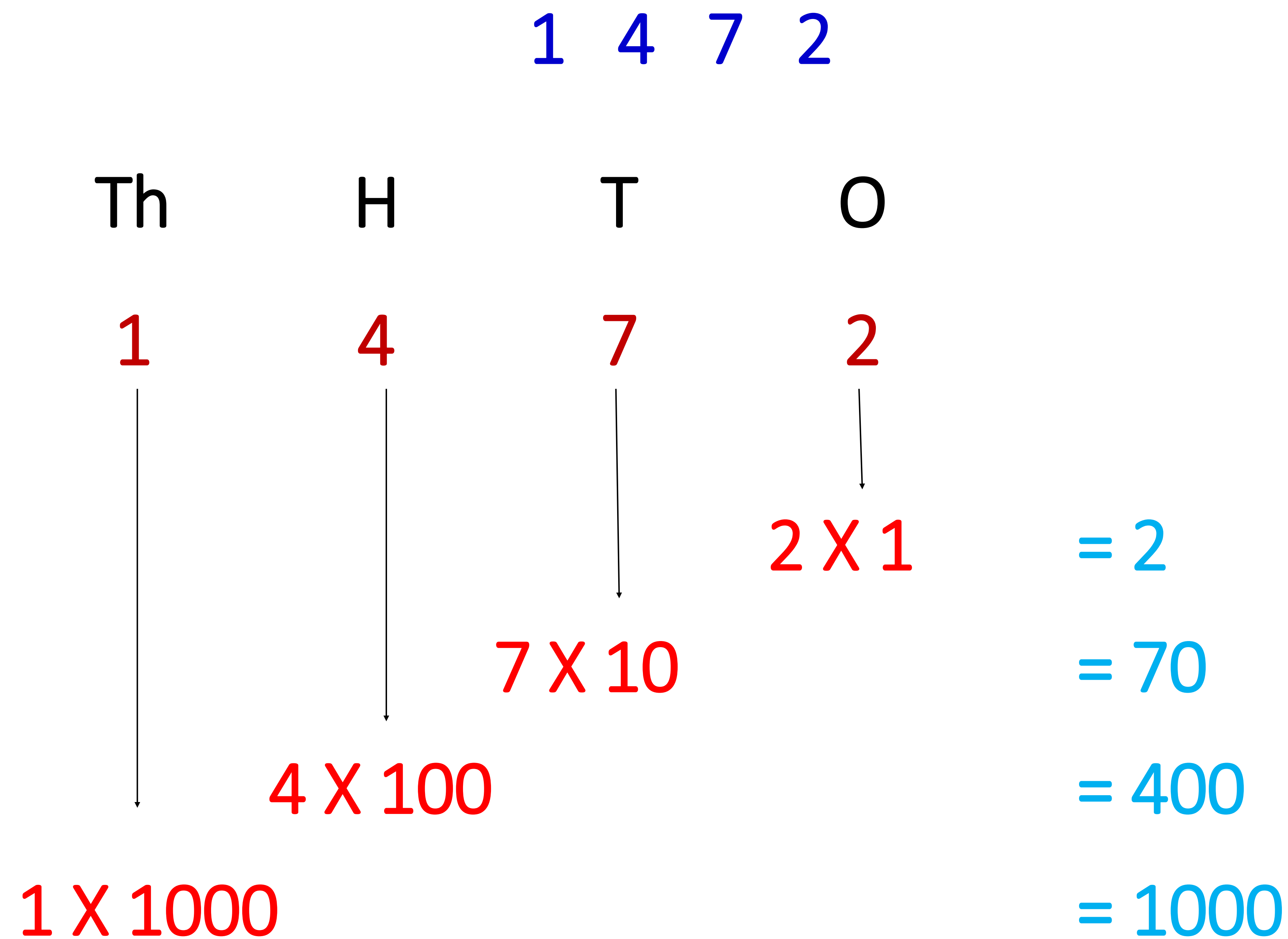


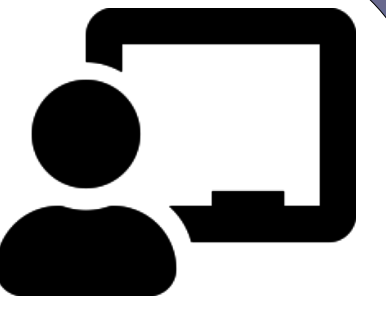
Place value and Face value of a number



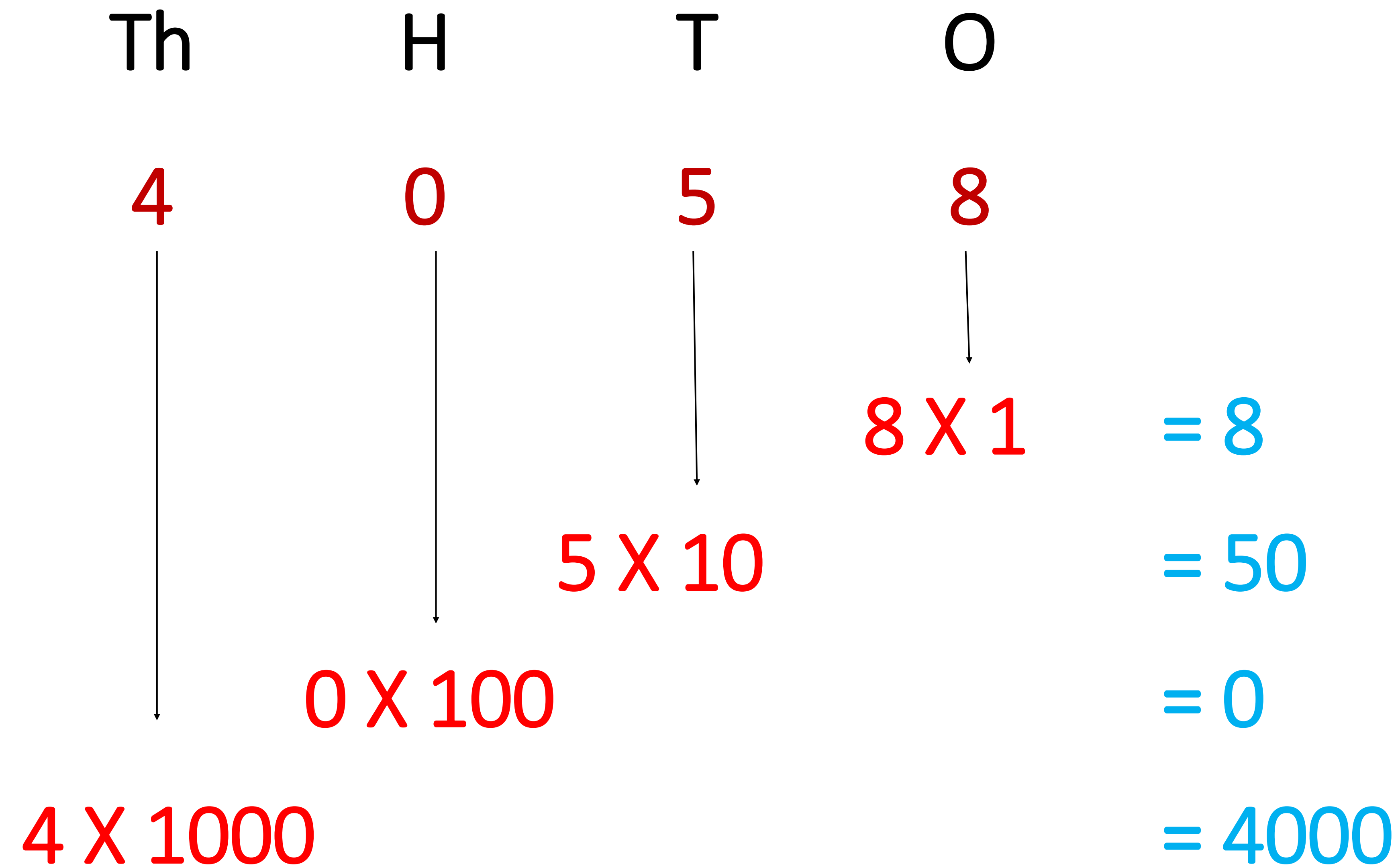
Place value

Place value of a digit in a number depends upon its position of the number.





Example 1: Find the place value of 0 in 4058



The place value of 0 is 0



Example 2: Find the place value of 9 in 9453

| Th | H | T | O |
|-----------------|----------------|---------------|--------------|
| 9 | 4 | 5 | 3 |
| 9×1000 | 4×100 | 5×10 | 3×1 |
| 9000 | 400 | 50 | 3 |

The place value of 9 is 9000

Example 3: Find the place value of 7 in 6217

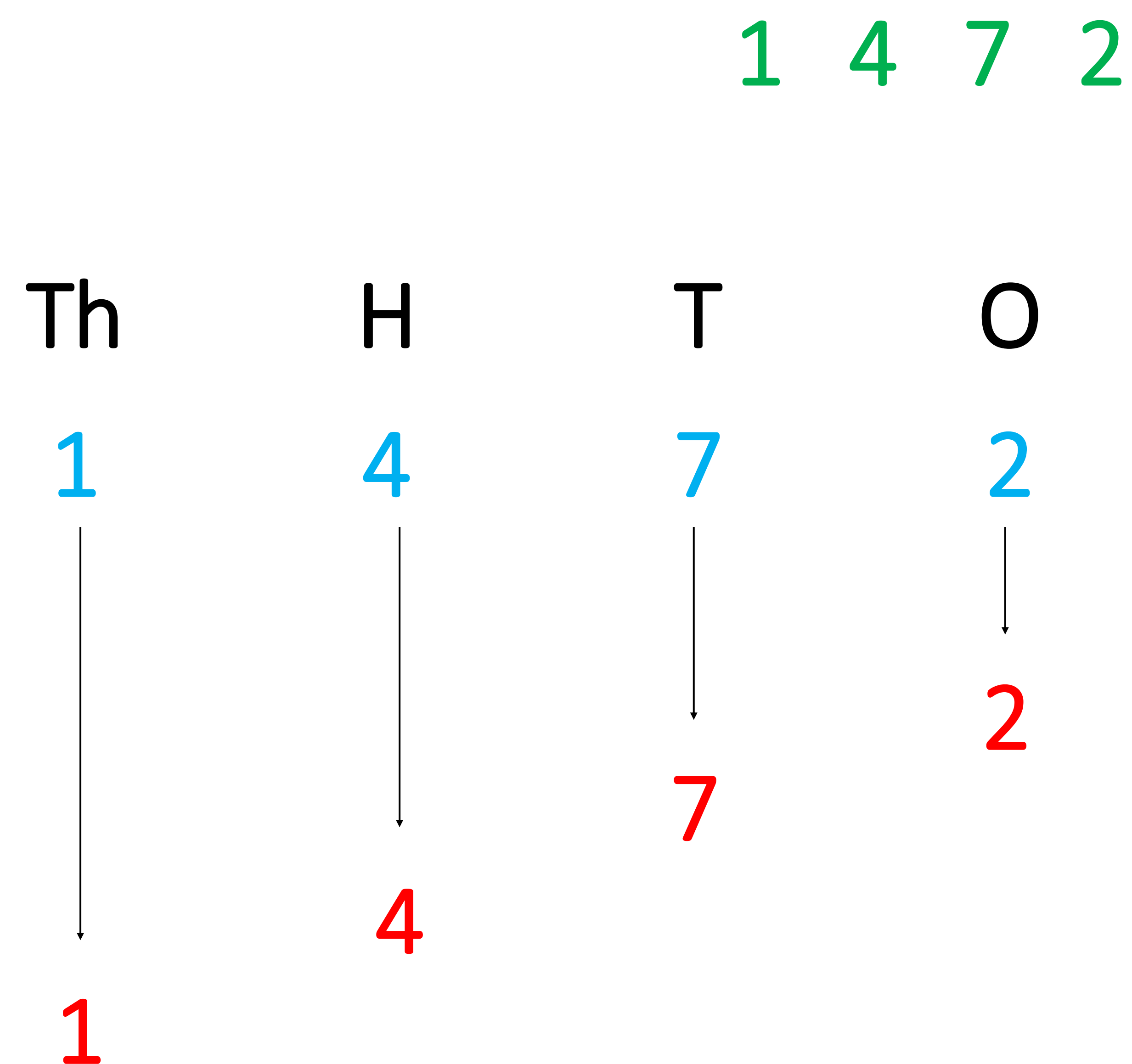
| Th | H | T | O |
|-----------------|----------------|---------------|--------------|
| 6 | 2 | 1 | 7 |
| 6×1000 | 2×100 | 1×10 | 7×1 |
| 6000 | 200 | 10 | 7 |

The place value of 7 is 7

Face value

The face value of a digit in a number is the **value of the digit itself**.

It **doesn't depend** upon its **position** of the number.

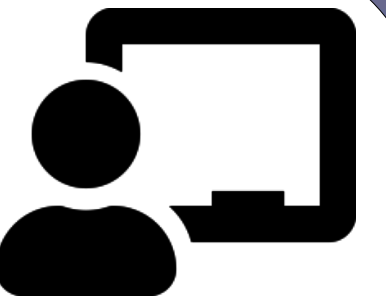


Face value of 1 is 1

Face value of 4 is 4

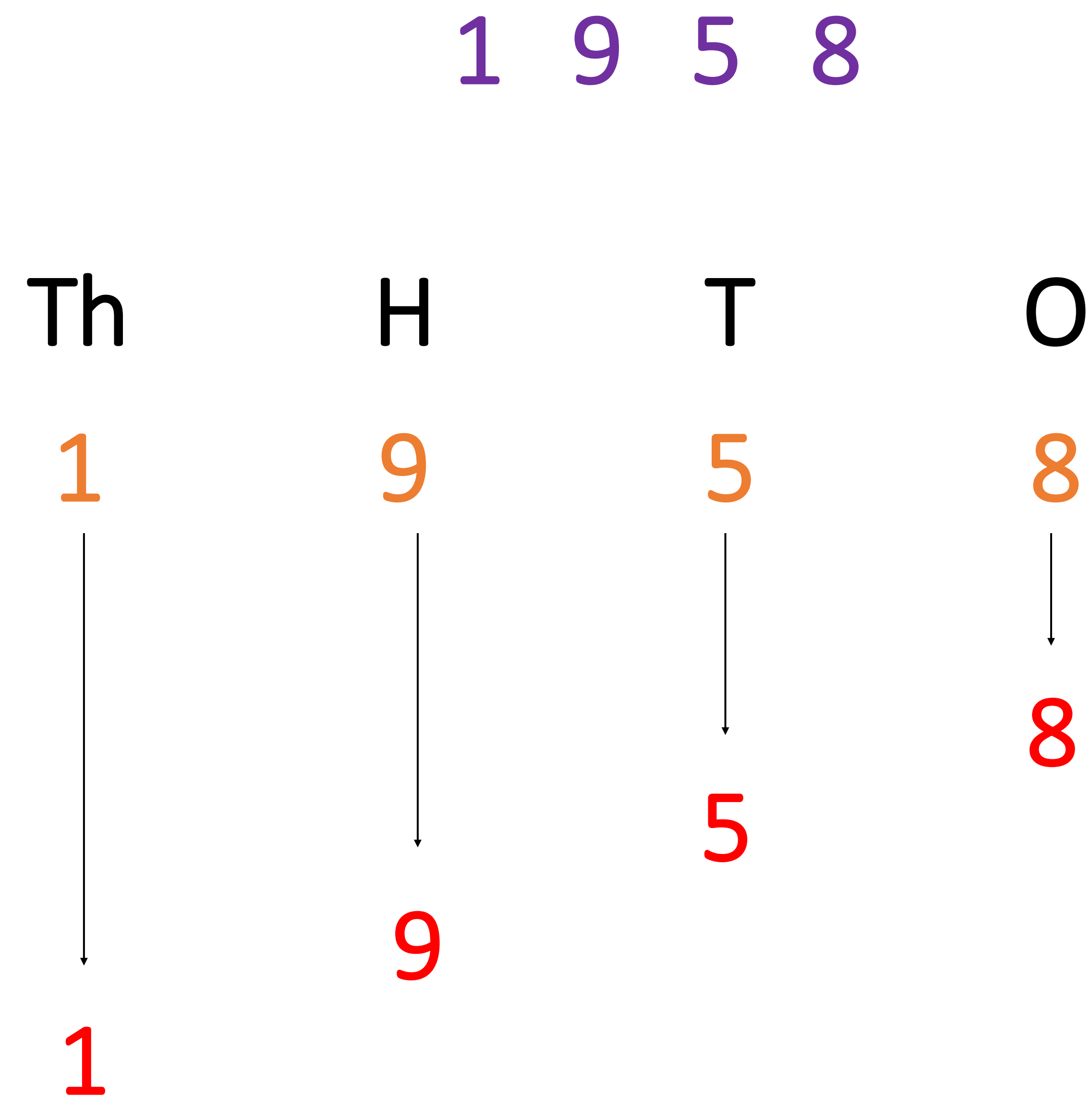
Face value of 7 is 7

Face value of 2 is 2



Example 1:

Find the face value of 5 in 1958



The face value of 5 is 5



Example 2:

Find the place value and face value of 3 in 7348

7 3 4 8

| Digits | Face value | Place value |
|--------|------------|------------------------|
| 7 | 7 | $7 \times 1000 = 7000$ |
| 3 | 3 | $3 \times 100 = 300$ |
| 4 | 4 | $4 \times 10 = 40$ |
| 8 | 8 | $8 \times 1 = 8$ |

The place value of 3 in 7348 is 300

The face value of 3 in 7348 is 3.

Example 3: 2 4 0 9

Find the place value of 9

Find the face value of 4

| Digits | Face value | Place value |
|--------|------------|------------------------|
| 2 | 2 | $2 \times 1000 = 2000$ |
| 4 | 4 | $4 \times 100 = 400$ |
| 0 | 0 | $0 \times 10 = 0$ |
| 9 | 9 | $9 \times 1 = 9$ |

The place value of 9 in 2409 is 9.

The face value of 4 in 2409 is 4.