

SESSION : 10

CLASS : V

SUBJECT : MATHEMATICS

CHAPTER NUMBER: 3

CHAPTER NAME : INTERNATIONAL NUMBER SYSTEM

SUBTOPIC : READING AND WRITING THE LARGE NUMBERS ACCORDING

TO THE INTERNATIONAL NUMBER SYSTEM

EXERCISE-3 Q.NO.2 AND 3

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE

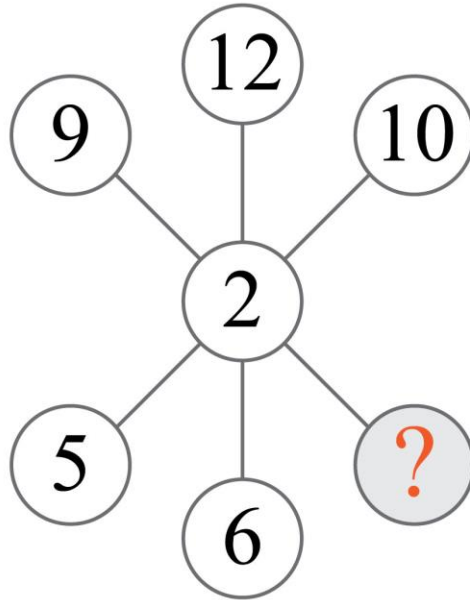


Students will be able to understand the international number system and represent the numbers in a place value chart.

Also will be able to read and write the numeral and number name.

IQ Puzzle 1

Which number is missing?



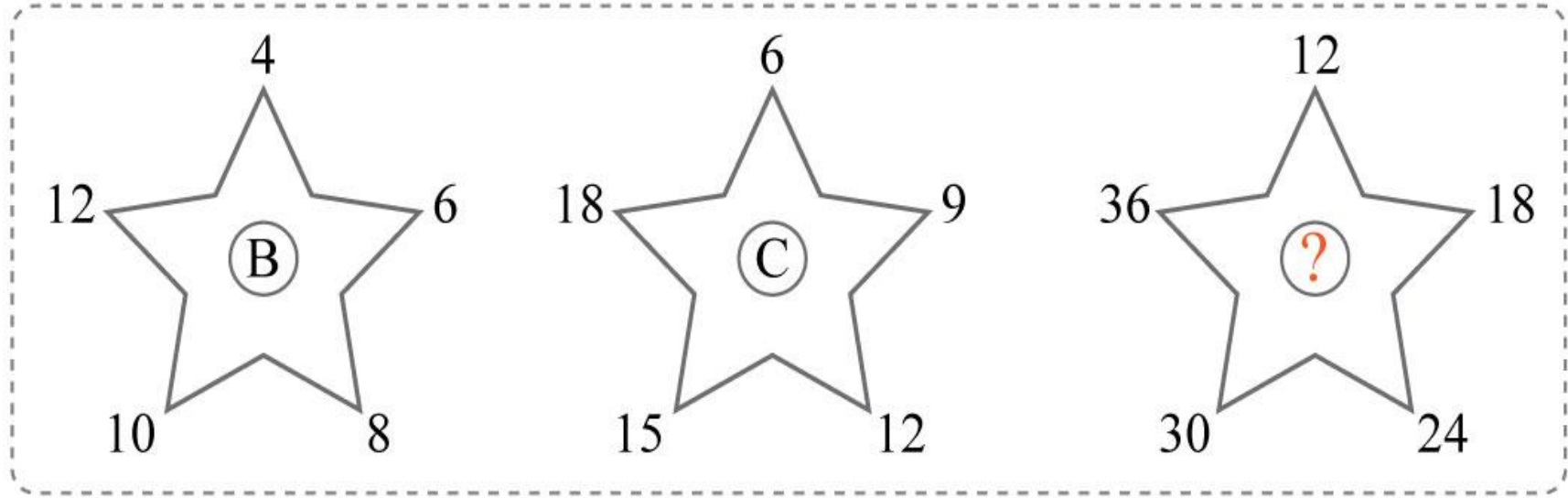
Answer : 18

Tricks: Multiply the 1 digit number by 2 to get the opposite number.



IQ Puzzle 2

Which alphabet completes the pattern?



Answer : F

Trick: The numbers around the star are multiples of 6 (=F).

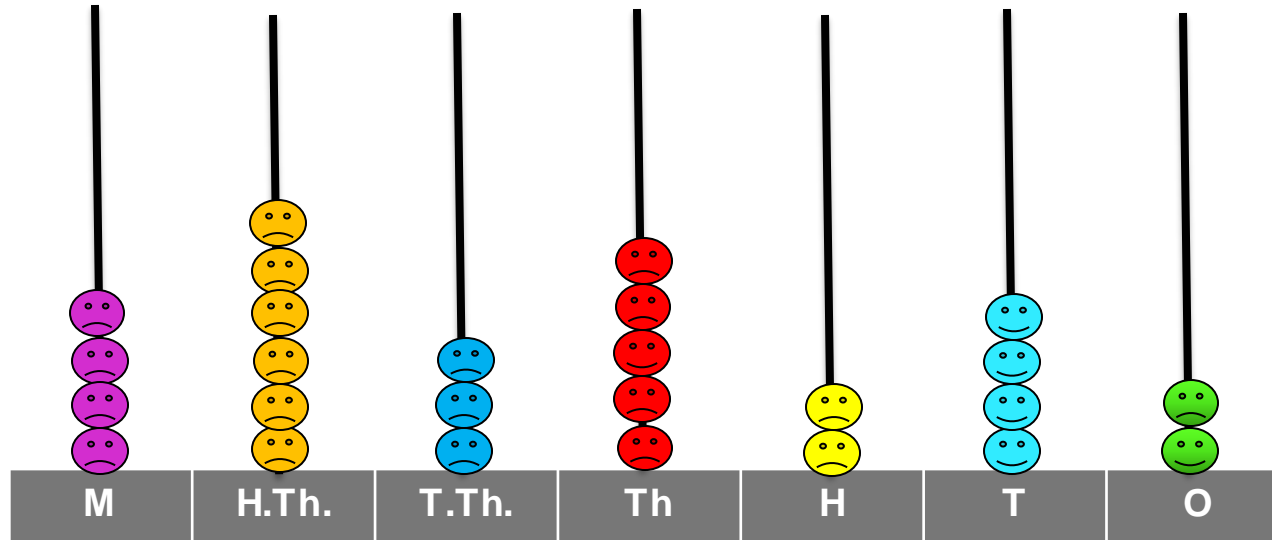


Place-value chart according to the International system

| Periods | Millions Period | | | Thousands Periods | | | Ones Period | | | |
|--------------|-----------------|------------------|--------------|-------------------|-------------------|---------------|-------------|----------|----------|----------|
| Places | Billion | Hundred Millions | Ten Millions | Millions | Hundred Thousands | Ten Thousands | Thousands | Hundreds | Tens | Ones |
| Place values | 1,000,000,000 | 100,000,000 | 10,000,000 | 1,000,000 | 100,000 | 10,000 | 1,000 | 100 | 10 | 1 |
| Digits | 10-digits | 9-digits | 8-digits | 7-digits | 6-digits | 5-digits | 4-digits | 3-digits | 2-digits | 1-digits |

LET'S RECALL

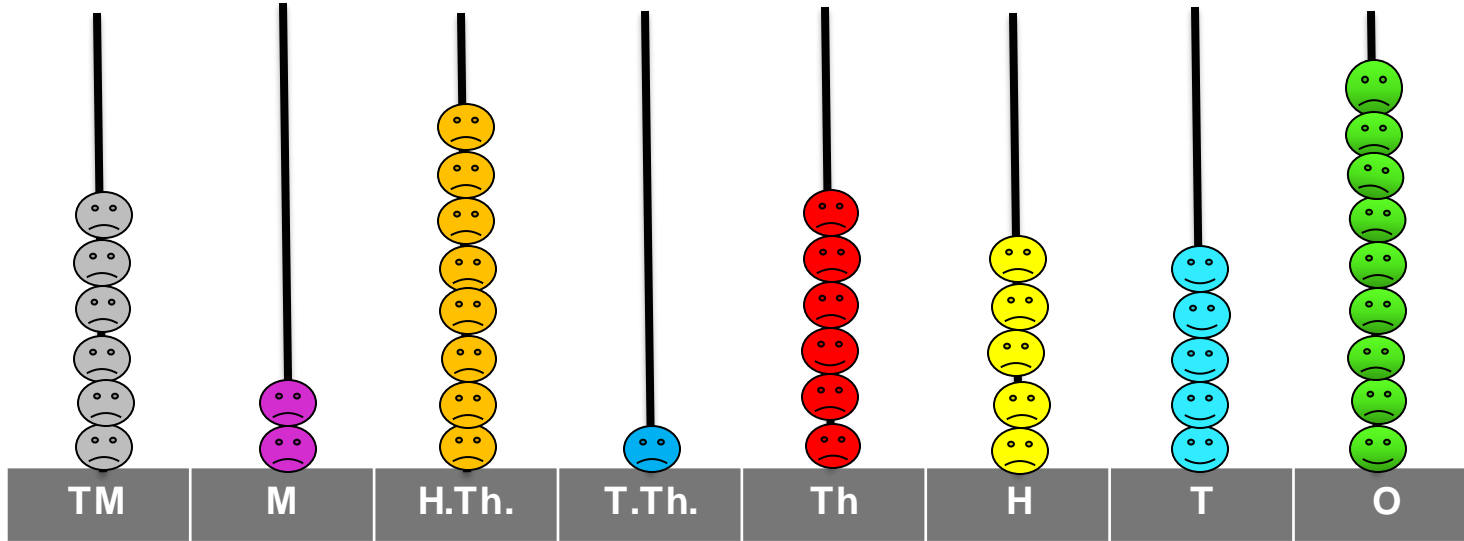
EXAMPLES : Write in the International system of numeral and the number name that each diagram represents.



Numeral: 4,635,242

Number Name: Four million six hundred thirty five thousand two hundred forty two.

EXAMPLES : Write in the International system of numeral and the number name that each diagram represents.



Numeral: 62,816,559

Number Name: Sixty two million eight hundred sixteen thousand five hundred fifty nine.

READING AND WRITING THE LARGE NUMBERS

EXAMPLES :

Q. Write the following numbers according to the International number system and write their number names.

a) 6716456 b) 54438676 c) 176336894

SOLUTION:

a) 6,716,456 = Six million seven hundred sixteen thousand four hundred fifty six

b) 54,438,676 = Fifty four million four hundred thirty eight thousand six hundred seventy six

c) 176,336,894 = One hundred seventy six million three hundred thirty six thousand eight hundred ninety four

READING AND WRITING THE LARGE NUMBERS

EXAMPLES :

Q. Write the numeral for each of the following :

- Six million four hundred twenty five thousand seven hundred eighty.
- Five hundred sixty million eight hundred thirty thousand four hundred sixteen.
- Forty eight million one hundred seventy five thousand eighteen.

SOLUTION :

| | Millions Period | | | Thousands Periods | | | Ones Period | | |
|----|-----------------|--------|-----|-------------------|--------|------|-------------|-----|-----|
| | (H.M.) | (T.M.) | (M) | (H.Th) | (T.Th) | (Th) | (H) | (T) | (O) |
| a) | | | 6 | 4 | 2 | 5 | 7 | 8 | 0 |
| b) | 5 | 6 | 0 | 8 | 3 | 0 | 4 | 1 | 6 |
| c) | | 4 | 8 | 1 | 7 | 5 | 0 | 1 | 8 |

EXERCISE - 3

2. Write each of the following numbers in the International system and write their number names.

a) $783456 = 783,456 =$ **Seven hundred eighty three thousand four hundred fifty six**

b) $3521345 = 3,521,345 =$ **Three million five hundred twenty one thousand three hundred Forty five**

c) $36586324 = 36,586,324 =$ **Thirty six million five hundred eighty six thousand three hundred twenty four**

d) $614835931 = 614,835,931 =$ **Six hundred fourteen million eight hundred thirty five Thousand nine hundred thirty one**

e) $1232145678 = 1,232,145,678 =$ **One billion two hundred thirty two million one hundred forty five thousand six hundred seventy eight**

EXERCISE - 3

3. Write the numeral for each of the following according to International Number System. Also insert commas to separate the periods.

- a) Six million five hundred fifty four thousand seven hundred thirty = 6,554,730
- b) Twenty four million one hundred seventy one thousand eighty two = 24,171,082
- c) One hundred forty five million eighty eight thousand eighty four = 145,088,084
- d) One billion five hundred fifty eight million three hundred sixty four = 1,558,000,364

| | | Millions Period | | | Thousands Periods | | | Ones Period | | |
|----|-----|-----------------|--------|-----|-------------------|--------|------|-------------|-----|-----|
| | (B) | (H.M.) | (T.M.) | (M) | (H.Th) | (T.Th) | (Th) | (H) | (T) | (O) |
| a) | | | | 6 | 5 | 5 | 4 | 7 | 3 | 0 |
| b) | | | 2 | 4 | 1 | 7 | 1 | 0 | 8 | 2 |
| c) | | 1 | 4 | 5 | 0 | 8 | 8 | 0 | 8 | 4 |
| d) | 1 | 5 | 5 | 8 | 0 | 0 | 0 | 3 | 6 | 4 |

HOME ASSIGNMENT

Complete Exercise 3 Q No. 2 and 3 in the notebook

LEARNING OBJECTIVE

- # Students are able to represent the numbers in a place value chart as per the international place value chart.
- # And students can read and write the numeral and number name according to the international number system.

THANKING YOU
ODM EDUCATIONAL GROUP