

## **E- Multiplying 6 × a number or a number × 6**

**1- Complete each of the following table:-**

6 × 2	6 × 10	6 × 7	6 × 3	6 × 9	6 × 5	6 × 8	6 × 6	6 × 1	6 × 0	6 × 4

**2- Complete each of the following:-**

a-  $6 \times \text{-----} = 6$

b-  $\text{-----} \times 6 = 36$

c-  $6 \times 9 = \text{-----}$

d-  $6 \times \text{-----} = 18$

e-  $\text{-----} \times 6 = 0$

f-  $\text{-----} \times 6 = 60$

g- 
$$\begin{array}{r} 6 \\ \times \square \\ \hline 12 \end{array}$$

h- 
$$\begin{array}{r} \square \\ \times 7 \\ \hline 42 \end{array}$$

i- 
$$\begin{array}{r} 4 \\ \times 6 \\ \hline \text{-----} \end{array}$$

**3- Put the suitable sign >, <, or = :-**

a-  $5 \times 7 \text{ ----- } 4 \times 6$

b-  $3 \times 6 \text{ ----- } 2 \times 6$

c-  $6 \times 6$  .....  $6 \times 9$

d-  $6 \times 0$  .....  $5 \times 1$

e-  $9 \times 2$  .....  $6 \times 6$

f-  $3 \times 8$  .....  $6 \times 4$

## Story problems

1) A school has 6 computers, each one has 8 programs. How many programs are there in all computers?

- Number of programs = ..... programs.

2) Mona saves L.E 7 every month. How much money does she save in 6 months?

- She saves = ..... = L.E .....

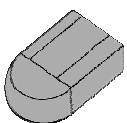
3) A box of cans consists of 6 rows, and each row contains 4 cans. How many cans are there in this box?

- There are = ..... cans.

4) If the price of one metre of cloth is L.E 9, then find the price of 6 metres .

- The price = ..... = L.E .....

5) Calculate:



5 pounds

9 pounds

2 pounds

a- The cost of 6 rubber = .....

b- The cost of 3 balls = .....

c- The cost of 7 pencils = .....

## **F- Multiplying 7 × a number or a number × 7**

### **1- Complete each of the following table:-**

7 × 0	7 × 1	7 × 2	7 × 3	7 × 4	7 × 5	7 × 6	7 × 7	7 × 8	7 × 9	7 × 10
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

### **2- Complete each of the following:-**

a-  $7 \times \text{.....} = 7$

b-  $\text{.....} \times 7 = 0$

c-  $7 \times 7 = \text{.....}$

d-  $3 \times \text{.....} = 21$

e-  $\text{.....} \times 7 = 14$

f-  $\text{.....} \times 7 = 63$

$$\begin{array}{r} \text{g-} \quad 4 \\ \times \quad \square \\ \hline 28 \end{array}$$

$$\begin{array}{r} \text{h-} \quad \square \\ \times 7 \\ \hline 35 \end{array}$$

$$\begin{array}{r} \text{i-} \quad \square \\ \times \quad \square \\ \hline 49 \end{array}$$

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### **3- Put the suitable sign >, <, or = :-**

a-  $4 \times 7 \text{ ..... } 7 \times 5$

b-  $7 \times 6 \text{ ..... } (6 \times 6) \times 1$

c-  $3 \times 7$  -----  $7 \times 3$

d-  $7 \times 2$  -----  $5 \times 8$

e-  $10 \times 7$  -----  $10 \times 6$

f-  $3 \times 4$  -----  $6 \times 2$

**4- Find the result of each of the following :-**

a-  $(7 \times 2) + 1 =$  -----  $+ 1 =$  -----

b-  $(8 \times 7) + 100 =$  -----  $+ \text{-----} =$  -----

c-  $(6 \times 7) + 30 =$  -----  $+ \text{-----} =$  -----

d-  $(7 \times 9) - 50 =$  -----  $- \text{-----} =$  -----

## Story problems

- 1) Ahmed has L.E 50. He bought 6 pens for L.E 7 each. How much money left with him?

a• He paid = ----- = L.E -----

b• Money left with him = ----- - ----- = L.E -----

- 2) How many days are there in 5 weeks?

a• 1 week = ----- days.

b• 5 weeks = ----- days.

- 3) Find the price of 4 kg of cheese, if the price of each kg is L.E 7

- The price of cheese = ..... = L.E .....

## **G- Multiplying 8 × a number or a number × 8**

### **1- Complete each of the following table:-**

$8 \times 3$	$8 \times 5$	$6 \times 5$	$8 \times 10$	$2 \times 8$	$8 \times 7$	$4 \times 8$	$8 \times 8$	$1 \times 8$	$8 \times 9$	$0 \times 8$
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

### **2- Complete each of the following:-**

a-  $8 \times \text{.....} = 8$

b-  $\text{.....} \times 2 = 16$

c-  $7 \times 8 = \text{.....}$

d-  $8 \times \text{.....} = 72$

e-  $\text{.....} \times 8 = 40$

f-  $\text{.....} \times 7 = 63$

g- 
$$\begin{array}{r} 8 \\ \times \square \\ \hline 48 \end{array}$$

h- 
$$\begin{array}{r} \square \\ \times 3 \\ \hline 24 \end{array}$$

i- 
$$\begin{array}{r} \square \\ \times \square \\ \hline 64 \end{array}$$

J-  $(6 \times 8) + 20 = \text{.....} + 20 = \text{.....}$

K-  $(5 \times 8) - (3 \times 10) = \text{.....} - \text{.....} = \text{.....}$

$$L - (8 \times 10) + (0 \times 8) = \text{-----} + \text{-----} = \text{-----}$$

**3- Put the suitable sign > , < , or = :-**

a-  $8 \times 8$  -----  $8 + 8$

b-  $5 \times 8$  -----  $8 \times 5$

c-  $9 \times 2$  -----  $9 \times 8$

d-  $7 \times 8$  -----  $10 \times 8$

e-  $8 \times 7$  -----  $6 + 50$

f-  $3 \times 4$  -----  $4 \times 8$

## Story problems

**1)** Ahmed bought 8 kg. of apples for L.E 9 each. How much money did he pay?

- He paid = ----- = L.E -----

**2)** Mona works 8 hours a day. How many hours does she work in 5 days?

- She works = ----- hours.

**3)** Eight persons went to the cinema, and the ticket was L.E 10 each. How much money did they pay?

- They paid = ..... = L.E .....

## **H- Multiplying 9 × a number or a number × 9**

### **1- Complete each of the following table:-**

9 × 2	9 × 8	9 × 3	5 × 9	7 × 9	9 × 10	9 × 9	4 × 9	6 × 9	9 × 1	9 × 0
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

### **2- Complete each of the following:-**

a-  $9 \times \text{-----} = 9$

b-  $\text{-----} \times 9 = 54$

c-  $3 \times 9 = \text{-----}$

d-  $9 \times \text{-----} = 90$

e-  $\text{-----} \times 5 = 45$

f-  $\text{-----} \times 9 = 18$

g- 
$$\begin{array}{r} 9 \\ \times \square \\ \hline 63 \end{array}$$

h- 
$$\begin{array}{r} \square \\ \times 9 \\ \hline 72 \end{array}$$

i- 
$$\begin{array}{r} \square \\ \times \square \\ \hline 81 \end{array}$$

=====

### **3- Put the suitable sign >, <, or = :-**

a-  $3 \times 9 \text{ ----- } 8 \times 4$

b-  $9 \times 10 \text{ ----- } 10 \times 8$

c-  $9 \times 6$  -----  $60 - 9$

d-  $(6 \times 10) + 4$  -----  $7 \times 9$

e-  $8 \times 6$  -----  $9 \times 5$

f-  $3 \times 6$  -----  $9 \times 2$

## Story problems

1) If the weight of one fish is 3 kg. find the weight of 9 fishes.

- The weight = ----- = ----- kg.

2) Mona saves 8 pounds every month. How much money does she save in 9 months?.

- She saved = ----- = ----- pounds.

3) Ahmed bought 4 books for 8 pounds each, and pens for 10 pounds. What is the total amount of money he paid?

a • The 4 books cost =  $4 \times$  ----- = ----- pounds.

b • The price of the pens = ----- pounds.

c • He paid = ----- + ----- = ----- pounds

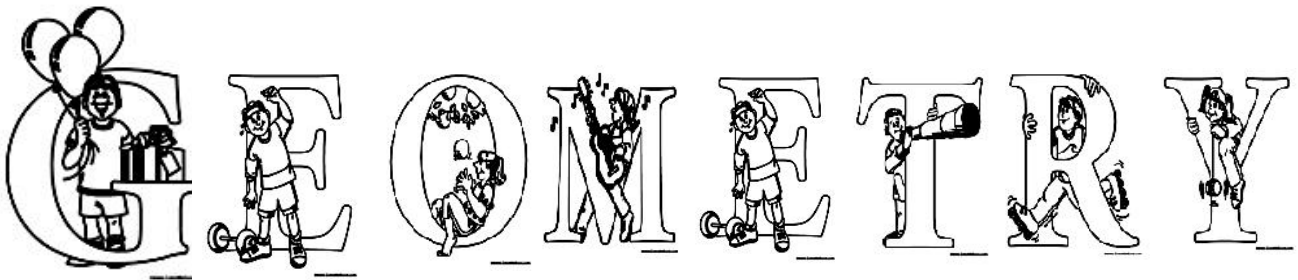
Draft.

4) There are 7 rabbits, and each one eats nine carrots. How many carrots do they eat?



- Number of carrots = ..... = ..... carrots.

# Unit 2

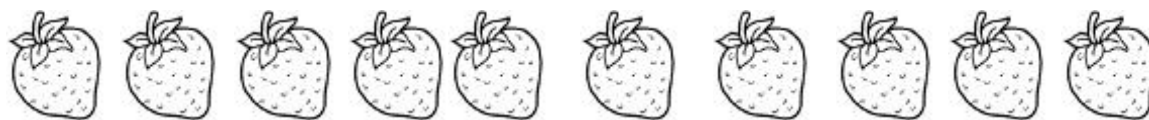


- Lesson 1: The perimeter.
- Lesson 2: Shapes and patterns.
- Lesson 3: Symmetry.

Unit 2 (Lesson 1)

The Meaning of The Division Operation

1. Divide 10 strawberries into groups of 5.



\_\_\_\_\_ groups

$$10 \div 5 = \underline{\quad}$$

2. Divide 12 birds into groups of 4.



\_\_\_\_\_ groups

$$12 \div 4 = \underline{\quad}$$

3. Divide 28 baseballs into groups of 7.



\_\_\_\_\_ groups

$$28 \div 7 = \underline{\quad}$$

4. Divide 44 raindrops into groups of 4



\_\_\_\_\_ groups

$$44 \div 4 = \underline{\quad}$$

5. Divide 30 snowflakes into groups of 5.




\_\_\_\_\_ groups

$$30 \div 5 = \underline{\quad}$$

6. Divide 30 ants into groups of 6.

  
\_\_\_\_\_ groups  $30 \div 6 = \underline{\hspace{2cm}}$

7. Divide 36 dots into groups of 9.

  
\_\_\_\_\_ groups  $36 \div 9 = \underline{\hspace{2cm}}$


8. Divide 28 snowflakes into groups of 4.

  
\_\_\_\_\_ groups  $28 \div 4 = \underline{\hspace{2cm}}$

9. Divide 28 baseballs into groups of 7.

  
\_\_\_\_\_ groups  $28 \div 7 = \underline{\hspace{2cm}}$

10. Divide 36 dots into groups of 3.

  
\_\_\_\_\_ groups  $36 \div 3 = \underline{\hspace{2cm}}$



There are no  
shortcuts to life's  
Greatest achievements.

**Unit 2 (Lesson 2)**

**1) Find the result:**

a)  $27 \div 9 = \dots\dots\dots$

b)  $32 \div 8 = \dots\dots\dots$

c)  $14 \div 7 = \dots\dots\dots$

d)  $72 \div 8 = \dots\dots\dots$

e)  $35 \div 5 = \dots\dots\dots$

f)  $36 \div 9 = \dots\dots\dots$

g)  $54 \div 6 = \dots\dots\dots$

**Finding the quotient**

**2) Find the quotient:**

a)  $12 \div 3 = \dots\dots\dots$

c)  $3 \div 1 = \dots\dots\dots$

e)  $6 \div 2 = \dots\dots\dots$

g)  $18 \div 6 = \dots\dots\dots$

i)  $16 \div 2 = \dots\dots\dots$

k)  $15 \div 3 = \dots\dots\dots$

m)  $16 \div 4 = \dots\dots\dots$

o)  $56 \div 8 = \dots\dots\dots$

q)  $3 \div 3 = \dots\dots\dots$

b)  $5 \div 5 = \dots\dots\dots$

d)  $20 \div 5 = \dots\dots\dots$

f)  $63 \div 7 = \dots\dots\dots$

h)  $18 \div 2 = \dots\dots\dots$

j)  $72 \div 9 = \dots\dots\dots$

l)  $2 \div 1 = \dots\dots\dots$

n)  $16 \div 2 = \dots\dots\dots$

p)  $63 \div 9 = \dots\dots\dots$

r)  $49 \div 7 = \dots\dots\dots$

**\*\* Story Problems:**

1) Each apple was sliced into 5 pieces. If there are

40 pieces, how many apples were sliced?

The number of apples =

.....

2) A glass of juice requires 2 oranges. If 42 oranges are available, how many glasses of juice can be made?

The number of glasses =

.....

3) There are 40 fruit trees planted in 5 rows. How many fruit trees are there in each row?

The number of fruit trees

= .....

4) It takes 4 minutes to make a glass of juice. How many glasses of juice can be made in 48 minutes?

The number of glasses = .....

## Division word problems with remainders

1. Sarah has 28 pencils. She shares them between her 5 friends. How many pencils will each of her friends get? How many pencils will Sarah have remaining?



The number of pencils for each = .....

The remaining = .....

2. Ali has LE 9. He wants to buy rubbers, Each rubber cost LE 4. How many rubbers will he be able to buy? How much money will have remaining?



The number of rubbers = .....

The remaining money = .....

3. Coco the clown has 60 balloons which he needs to share between 8 children. How many balloons does each child get? How many remaining?



The number of balloons = .....

The remaining = .....

4. Sara has 37 packets of crisps. She must share these equally between her 4 friends. How many crisp packets will each friend get? How many will Sarah have remaining?



The number of packets = .....

The remaining = .....

5. Mrs. Jones buys 20 toy cars. She decides to share them between her 3 children, Can she do this? How many will each child get? How many will be left over?



The number of toy cars = .....

The left = .....

6. There are 52 books on the shelf. They need to be shared equally amongst 5 table groups in the class. How many books will there be on each table ,How many will be left over?

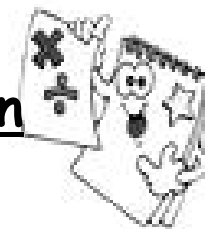


The number of books = .....

The remaining = .....

Unit 2 (Lesson 3)

## The Relation Between Division & Multiplication



Fill in the missing numbers.

a) $2 \times \underline{\quad} = 18$  $18 \div 2 = \underline{\quad}$	b) $4 \times \underline{\quad} = 8$  $8 \div 4 = \underline{\quad}$	c) $3 \times 6 = \underline{\quad}$  $\underline{\quad} \div 3 = 6$	d) $6 \times 3 = \underline{\quad}$  $\underline{\quad} \div 6 = 3$
e) $\underline{\quad} \times 7 = 70$  $70 \div \underline{\quad} = 7$	f) $\underline{\quad} \times 10 = 80$  $80 \div \underline{\quad} = 10$	g) $9 \times 6 = \underline{\quad}$  $54 \div 3 = \underline{\quad}$	h) $9 \times 8 = \underline{\quad}$  $72 \div 8 = \underline{\quad}$
I) $\underline{\quad} \times 1 = 1$  $1 \div \underline{\quad} = 1$	j) $\underline{\quad} \times 4 = 20$  $20 \div \underline{\quad} = 4$	k) $\underline{\quad} \times 7 = 7$  $7 \div \underline{\quad} = 7$	h) $10 \times \underline{\quad} = 50$  $50 \div 10 = \underline{\quad}$
L) $5 \times 3 = \underline{\quad}$  $\underline{\quad} \div 5 = 3$	m) $\underline{\quad} \times 4 = 32$  $32 \div \underline{\quad} = 4$	n) $4 \times 8 = \underline{\quad}$  $\underline{\quad} \div 4 = 8$	o) $\underline{\quad} \times 9 = 81$  $81 \div \underline{\quad} = 9$

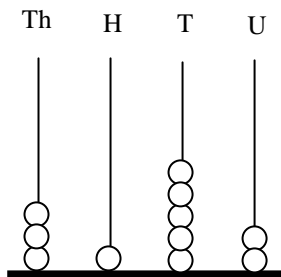


## Unit ( 1 )

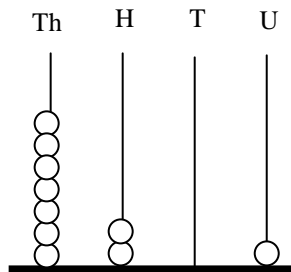


## Thousands

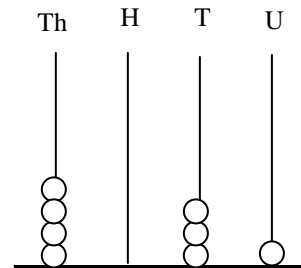
### (1) Write the following numbers:-



The number: .....



The number: .....



The number: .....

### (2) Write the following numbers in digits:-

- a) Six thousand four hundred and one = .....
- b) Eight thousand and four = .....
- c) Three thousand one hundred and nineteen = .....
- d) one thousand two hundred and one = .....
- e) four thousand seven hundred and twelve = .....

### (3) Write the following numbers in letters:-

- a) 1269 = .....
- b) 5308 = .....
- c) 2004 = .....
- d) 8290 = .....
- e) 4982 = .....

### (4) Complete:-

1024 , 1025 , ..... , ..... , 1028 , 1029 , ..... , ..... , ..... , 1033  
1034 , ..... , ..... , ..... , 1038 , ..... , ..... , 1041 , 1042 , 1043  
..... , ..... , 1046 , 1047 , ..... , 1049 , ..... , ..... , .....

**Unit ( 1 )**



**Thousands**

**(5) Complete ( as in a ) :-**

- a)  $7496 = 7000 + 400 + 90 + 6$
- b)  $5832 = \dots + \dots + \dots + \dots$
- c)  $6911 = \dots + \dots + \dots + \dots$
- d)  $9502 = \dots + \dots + \dots + \dots$

**(6) Write the number:-**

- a)  $\dots = 6000 + 200 + 80 + 6$
- b)  $\dots = 1000 + 90 + 4$
- c)  $\dots = 5000 + 2$
- d)  $\dots = 4000 + 800 + 5$

**(7) Write the value of the encircled digit:-**

65 4 9      40

3 3 2 8      .....

4 7 0 6      .....

3 1 8 1      .....

7 9 0 8      .....

1 1 6 5      .....

**(8) Arrange the following numbers ascendingly and descendingly:-**

5219 , 970 , 7 985 , 7402 , 3 984

Ascendingly: ..... , ..... , ..... , ..... , .....

Descendingly: ..... , ..... , ..... , ..... , .....

**(9) Complete in the same pattern:-**

\* 9461 , 9451 , ..... , ..... , 9421 , .....

\* 2350 , ..... , 2550 , 2650 , ..... , .....

\* ..... , 5751 , 5851 , ..... , ..... , 6151

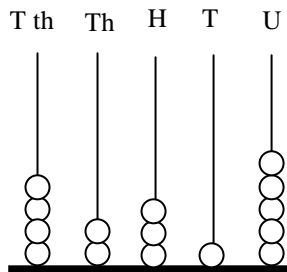
\* 6478 , 6378 , ..... , ..... , 6078 , .....

## Unit ( 1 )

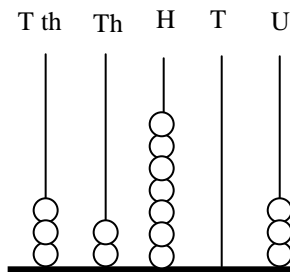


## Ten Thousands

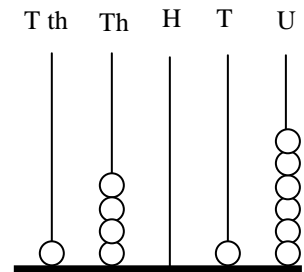
### ( 1 ) Write the following numbers:-



The number: .....



The number: .....



The number: .....

### (2) Write the following numbers in digits:-

- a) Fifty two thousand four hundred and Eighty six      = .....
- b) Thirty thousand seven hundred and forty three      = .....
- c) Eleven thousand and four      = .....
- d) fourteen thousand and one      = .....

### (3) Write the following numbers in letters:-

- a) 56781 = .....
- b) 45308 = .....
- c) 70004 = .....
- d) 10400 = .....
- e) 37078 = .....

### (4) Complete:-

35420 , 35421 , ..... , ..... , 35424 , 35425 , ..... , ..... , ..... , 35429  
35430 , ..... , ..... , ..... , 35434 , ..... , ..... , 35437 , 35438 , .....  
..... , ..... , 35442 , 35443 , ..... , ..... , 35446 , ..... , ..... , 35449

Unit ( 1 )



Ten Thousands

**5) Write the number:-**

- a) ..... = 60000 + 80 + 1  
b) ..... = 90000 + 2  
c) ..... = 40000 + 300 + 6

**(6) Complete ( as in a ) :-**

- a) 52613 = 52000 + 613 = 50000 + 2000 + 600 + 10 + 3  
b) 16528 = 16000 + ..... = ..... + 6000 + ..... + 20 + .....  
c) 23980 = ..... + ..... = ..... + ..... + ..... + ..... + .....  
d) 95003 = ..... + ..... = ..... + ..... + ..... + ..... + .....

**(7) Write the place value of the encircled digit:-**

- 34(5)90    hundreds                      5 2(6)69    .....  
(3)8552    .....                      (4)7821    .....  
332(6)5    .....                      79(0)26    .....

**(8) Put the suitable sign ( < , = or > ) :-**

- a) 25560    ☐    25650                      b) 98728    ☐    98782  
c) 40000 + 700 + 6    ☐    40706                      d) 54 Thousands    ☐    54000  
e) 79009    ☐    79000 + 9                      f) 20000 + 870    ☐    20870

**(9) Arrange the following numbers ascendingly and descendingly:-**

33190 , 9758 , 60976 , 54846 , 71845

Ascendingly: ..... , ..... , ..... , ..... , .....

Descendingly: ..... , ..... , ..... , ..... , .....

**(10) Complete in the same pattern:-**

- \* 17125 , 17135 , ..... , ..... , 17165 , .....  
\* 65704 , ..... , 65504 , 65404 , ..... , .....  
\* ..... , 22734 , 22834 , ..... , ..... , 23134



### **1) Complete :-**

- a) The greatest number formed from 4 , 7 , 5 and 3 is .....
- b)  $64395 = \dots\dots\dots + 395 = \dots\dots + 4000 + \dots\dots + \dots\dots + \dots\dots$
- c) Four thousands and seven = .....
- d) 35 thousands = ..... Hundreds
- e) The digit in the thousand place in the number 73215 is .....

### **2) Choose the correct answer :-**

- a) The greatest 5- digit number is ..... ( 1000 , 10000 , 99999 )
- b) The number just after 3099 is ..... ( 3999 , 3100 , 4000 )
- c) The closest number to 50000 is ..... ( 4990 , 49900 , 51111 )
- d) If you add 1000 to 38164 the result will be ..... ( 537164 , 48164 , 39164 )
- e) The smallest 4-digit number is ..... ( 1111 , 1001 , 1000 )
- f) How many tens in 972? is ..... ( 7 , 70 , 97 )

### **3) a) Arrange the following numbers in a descending order :-**

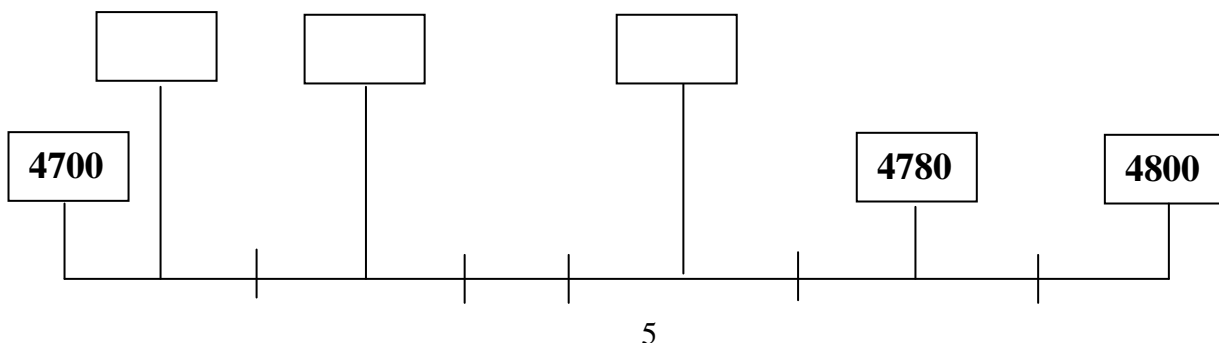
30879 , 3879 , 30987 , 30798 , 39087

The order:- ..... , ..... , ..... , ..... , .....

### **b) write the greatest 5-digit number and the sum of its digits is 4 ?**

.....

### **(4) Write suitable numbers in the rectangles according to their Places**



## Unit 2



### (1) Add :

$$\begin{array}{r} 2345 \\ + 3214 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 3567 \\ + 2525 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 45326 \\ + 32586 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 20129 \\ + 54834 \\ \hline \end{array}$$

.....

$$5839 + 3415 = \dots\dots\dots$$

$$2687 + 53426 = \dots\dots\dots$$

### 2) story problem:

- a) Ahmed bought different kinds of cheese for P.T 6234 and chocolate for P.T 2457 . what is the total of what he paid ?

The total Ahmed paid =.....=.....

- b) Nour saved P.T 569 in one month P.T 325 in the next month and P.T450 in the third month . what is the total amount did Nour save?

The total Nour saved =.....+.....+.....=.....

### 3 ) Arrange the following numbers ascendingly and descendingly and find the Smallest and the greatest numbers :

12647 , 30625 , 9487 , 91278 , 62348

Asendingly : .....,.....,.....,.....,.....

Descendingly : .....,.....,.....,.....,.....

The greatest number is..... The smallest number is .....

Their sum =.....+.....=.....

## Unit 2



## Mental arithmetic

### first case

- a)  $2634 + 10 = \dots\dots\dots$
- b)  $35472 + 100 = \dots\dots\dots$
- c)  $21473 + 1000 = \dots\dots\dots$
- d)  $32547 + 200 = \dots\dots\dots$
- e)  $2458 + 2000 = \dots\dots\dots$

- because  $30 + 10 = \dots\dots\dots$
- because  $400 + 100 = \dots\dots\dots$
- because  $1000 + 1000 = \dots\dots\dots$
- because  $500 + 200 = \dots\dots\dots$
- because  $2000 + 2000 = \dots\dots\dots$

### second case

- a)  $4000 + 254 = \dots\dots\dots$
- b)  $6000 + 45 = \dots\dots\dots$
- c)  $25000 + 254 = \dots\dots\dots$
- d)  $58000 + 6 = \dots\dots\dots$
- e)  $3000 + 200 + 34 = \dots\dots\dots$
- f)  $12000 + 700 + 5 = \dots\dots\dots$

### Third case

- |                                     |   |
|-------------------------------------|---|
| a) $254 + 99 = \dots\dots\dots$     | because $254 + 100 = \dots\dots\dots$ , $\dots\dots - 1 = \dots\dots$     |
| b) $3254 + 999 = \dots\dots\dots$   | because $3254 + 1000 = \dots\dots\dots$ , $\dots\dots - 1 = \dots\dots$   |
| c) $4078 + 999 = \dots\dots\dots$   | because $4078 + 1000 = \dots\dots\dots$ , $\dots\dots - 1 = \dots\dots$   |
| d) $11245 + 9999 = \dots\dots\dots$ | because $11245 + 10000 = \dots\dots\dots$ , $\dots\dots - 1 = \dots\dots$ |
| e) $3254 + 299 = \dots\dots\dots$   | because $3254 + 300 = \dots\dots\dots$ , $\dots\dots - 1 = \dots\dots$    |
| f) $3246 + 101 = \dots\dots\dots$   | because $3246 + 100 = \dots\dots\dots$ , $\dots\dots + 1 = \dots\dots$    |

### fourth case

Use the equality  $20345 + 4567 = 24912$  find the result of each of the following

- a)  $20346 + 4567 = \dots\dots\dots$
- b)  $30345 + 4567 = \dots\dots\dots$
- c)  $20355 + 4567 = \dots\dots\dots$
- d)  $21345 + 4567 = \dots\dots\dots$

## Unit 2



## Properties of addition

( 1 ) Complete :-

a)  $1258 + 3568 = \dots\dots\dots + 1258$

b)  $2514 + 1208 + 4503 = 2514 + 1208 + \dots\dots$

c)  $1478 + 2544 + \dots\dots\dots = 1478 + \dots\dots\dots + 5016$

d)  $\dots\dots\dots + 3286 + 2458 = 3147 + 3286 + \dots\dots\dots$

e)  $5210 + \dots\dots\dots + 3546 = 5210 + \dots\dots\dots + 3546$



### Unit 3



#### (1) Subtract :

$$\begin{array}{r} 8765 \\ - 3214 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 5741 \\ - 2525 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 75245 \\ - 32586 \\ \hline \end{array}$$

.....

$$\begin{array}{r} 80413 \\ - 54834 \\ \hline \end{array}$$

.....

$$5734 - 2568 = \dots\dots\dots$$

$$7326 - 5296 = \dots\dots\dots$$

$$5624 - 2147 = \dots\dots\dots$$

$$45362 - 13572 = \dots\dots\dots$$

#### (2) Story problem:

a) Ali had P.T 2450 . If he bought a box of cheese for P.T 650 . How much money would be left with him ?

The remainder =.....=.....

b) Nour had L.E 4576 in her savings account, she took away L.E 1489 .

How much money is in her account now ?

The remaining amount of money in Nour's savings account after the withdrawal  
=.....=L.E.....

#### (3) Arrange the following numbers ascendingly and descendingly and find the Smallest and the greatest numbers :

4568 , 30625 , 5769 , 92314 , 62348

Asendingly : .....,.....,.....,.....,.....

Descendingly : .....,.....,.....,.....,.....

The greatest number is..... The smallest number is .....

The difference .....-.....=.....

## Unit 3



## Mental arithmetic

### First case

- a)  $2478 - 10 = \dots\dots\dots$
- b)  $32547 - 100 = \dots\dots\dots$
- c)  $45267 - 1000 = \dots\dots\dots$
- d)  $32547 - 200 = \dots\dots\dots$
- e)  $24586 - 3000 = \dots\dots\dots$
- f)  $47856 - 40 = \dots\dots\dots$
- g)  $25065 - 30 = \dots\dots\dots$

### second case

- a)  $7485 - 485 = \dots\dots\dots$
- b)  $65412 - 412 = \dots\dots\dots$
- c)  $25465 - 65 = \dots\dots\dots$
- d)  $58745 - 45 = \dots\dots\dots$
- e)  $3040 - 40 = \dots\dots\dots$
- f)  $95740 - 5740 = \dots\dots\dots$

### Third case

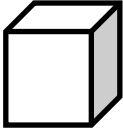
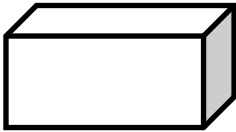
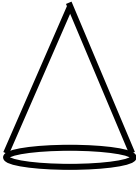
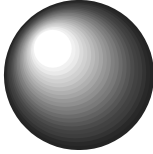
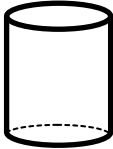
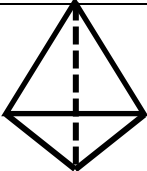
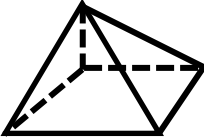
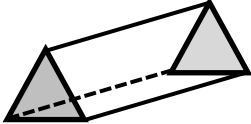
- a)  $8534 - 8000 = \dots\dots\dots$
- b)  $65874 - 800 = \dots\dots\dots$
- c)  $75482 - 75000 = \dots\dots\dots$
- d)  $3040 - 3000 = \dots\dots\dots$
- e)  $50420 - 400 = \dots\dots\dots$

### fourth case

Use the equality  $85632 - 7451 = 78181$  find the result of each the following

- a)  $85633 - 7451 = \dots\dots\dots$
- b)  $86632 - 7451 = \dots\dots\dots$
- c)  $85642 - 7451 = \dots\dots\dots$

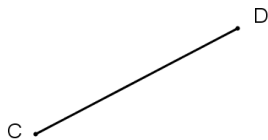
## Lesson 1 "Solids"

Solid	Edges	Vertices	faces
 Cube	12	8	6
 Cuboid	12	8	6
 Cone	0	1	0
 Sphere	0	0	0
 Cylinder	0	0	2 bases
 Triangular Pyramid	6	4	4 faces (3 side faces + 1 base)
 Square Pyramid	8	5	5 faces (4 side faces + 1 base)
 Triangular Prism	9	6	5 faces (3 side faces + 2 bases)



## Lesson 2"Using the ruler to measure the length of a line segment"

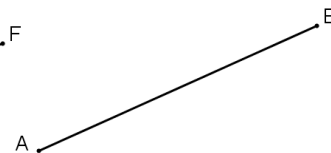
Use your ruler to find the length of the following segments:



CD = ..... cm



EF = ..... cm



AB = ..... cm

## Lesson 3"Geometric constructions"

Draw Line segments according to the given lengths:

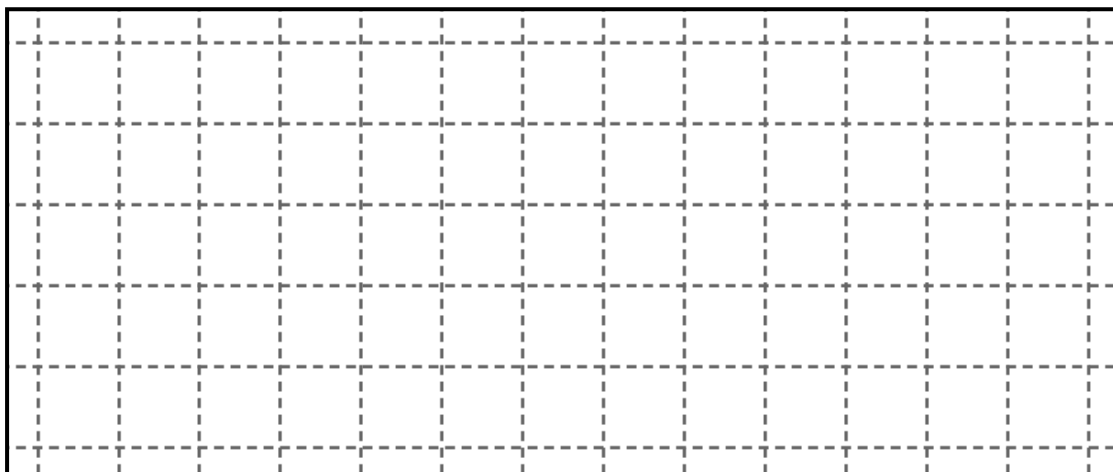
A .

AB = 3 cm

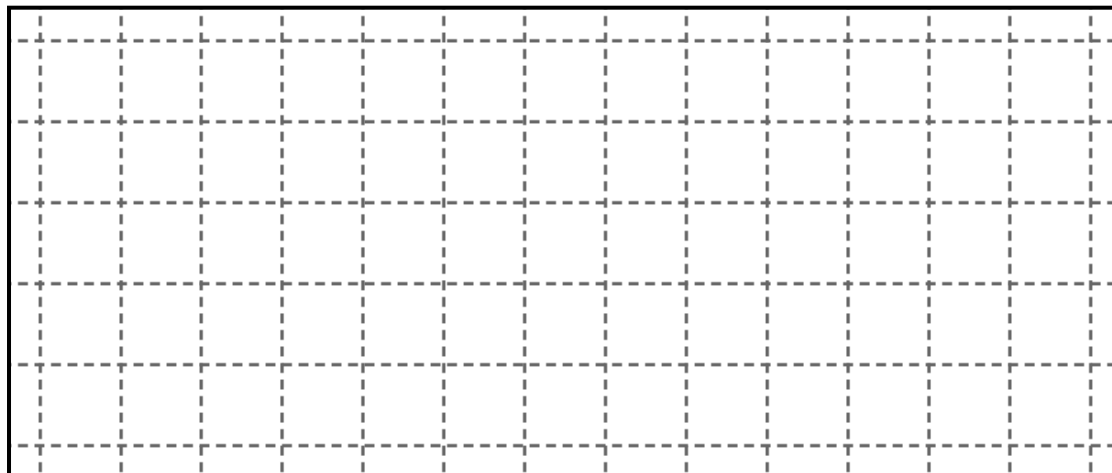
X .

XY = 5 cm

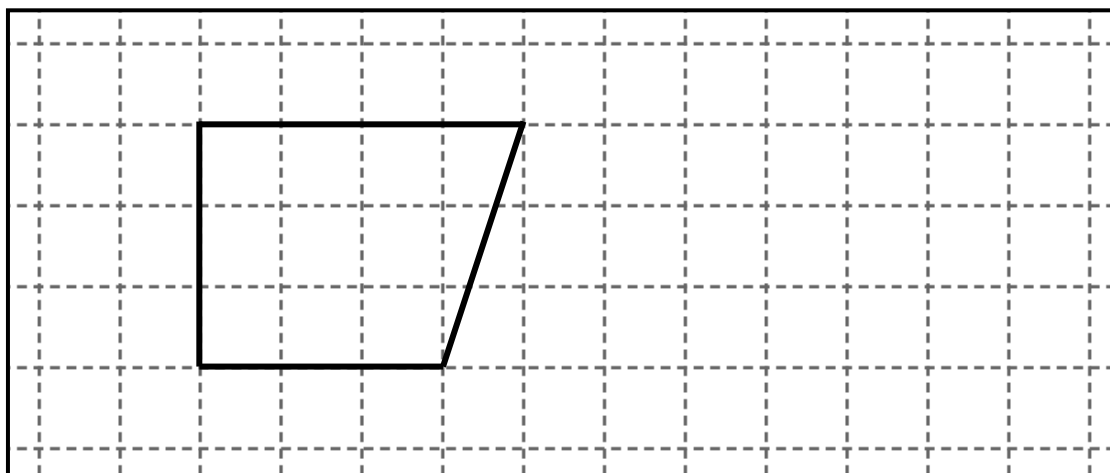
Draw a square with side length 4 units on the opposite lattice:



**Draw a rectangle with dimensions 2 units and 4 units:**

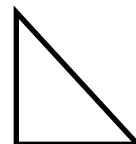
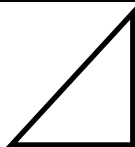


**Draw a congruent shape with the drawn one on the following lattice:**

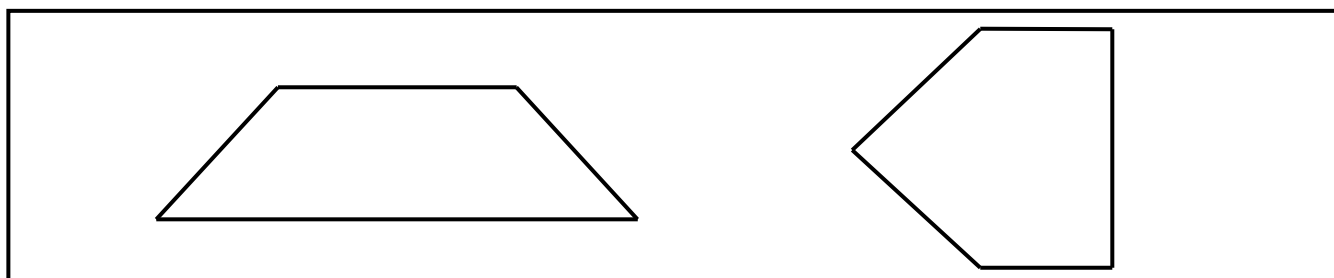


## Lesson 4 "Breaking down a shape into its parts and rebuilding it"

The following are two triangles and a rectangle



- Draw two lines inside each shape to divide it into its parts:



## Lesson 5 "Visual patterns"

Complete in the same pattern:

a) AB , ABB , AB BB , ..... , .....

b) AZ , BY , CX , ..... , ..... , .....

c) LMN , MNL , NLM , ..... , ..... , .....

d) ○ , □ , □ , ○ , ..... , ..... , .....

e) △ ○ , △ ○ ○ , ..... , .....

f) ● , ●● , ●●● , ..... , .....

g) ■ , ■■ , ■■■ , ..... , .....

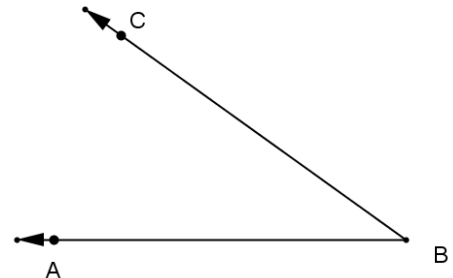
## Lesson 6 "The angle"

### 1- From the opposite figure complete:

a- The name of the angle is  $\angle$  .....

or  $\angle$  .....

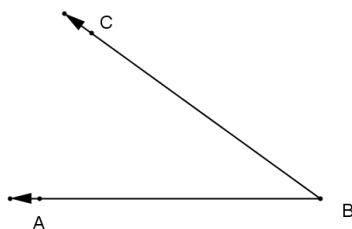
or  $\angle$  .....



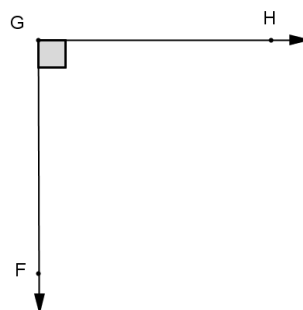
b- The two sides of the angle are ..... and .....

c- The vertex of the angle is .....

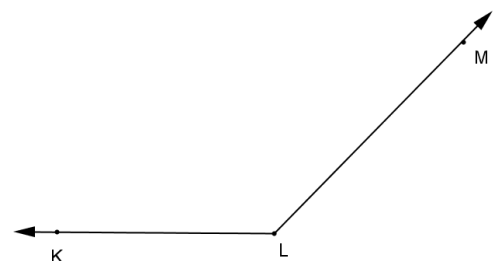
### 2- Write the kind of each angle from the following:



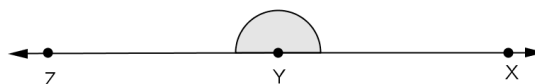
.....



.....

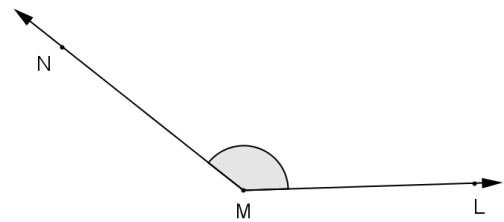
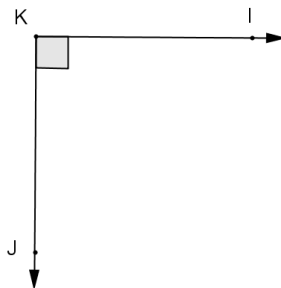
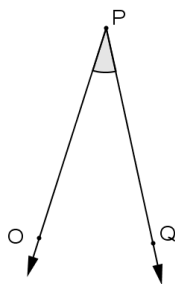
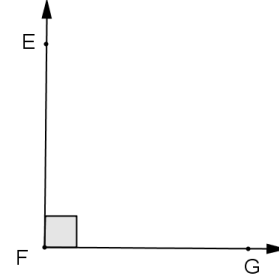
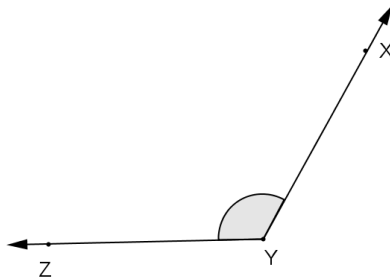
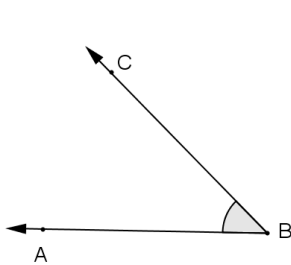


.....



.....

**3- Use the protractor to find the measure of the following angles:**



$m(\angle ABC) = \dots\dots\dots^\circ$  and its type is .....

$m(\angle XYZ) = \dots\dots\dots^\circ$  and its type is .....

$m(\angle EFG) = \dots\dots\dots^\circ$  and its type is .....

$m(\angle QPO) = \dots\dots\dots^\circ$  and its type is .....

$m(\angle IKJ) = \dots\dots\dots^\circ$  and its type is .....

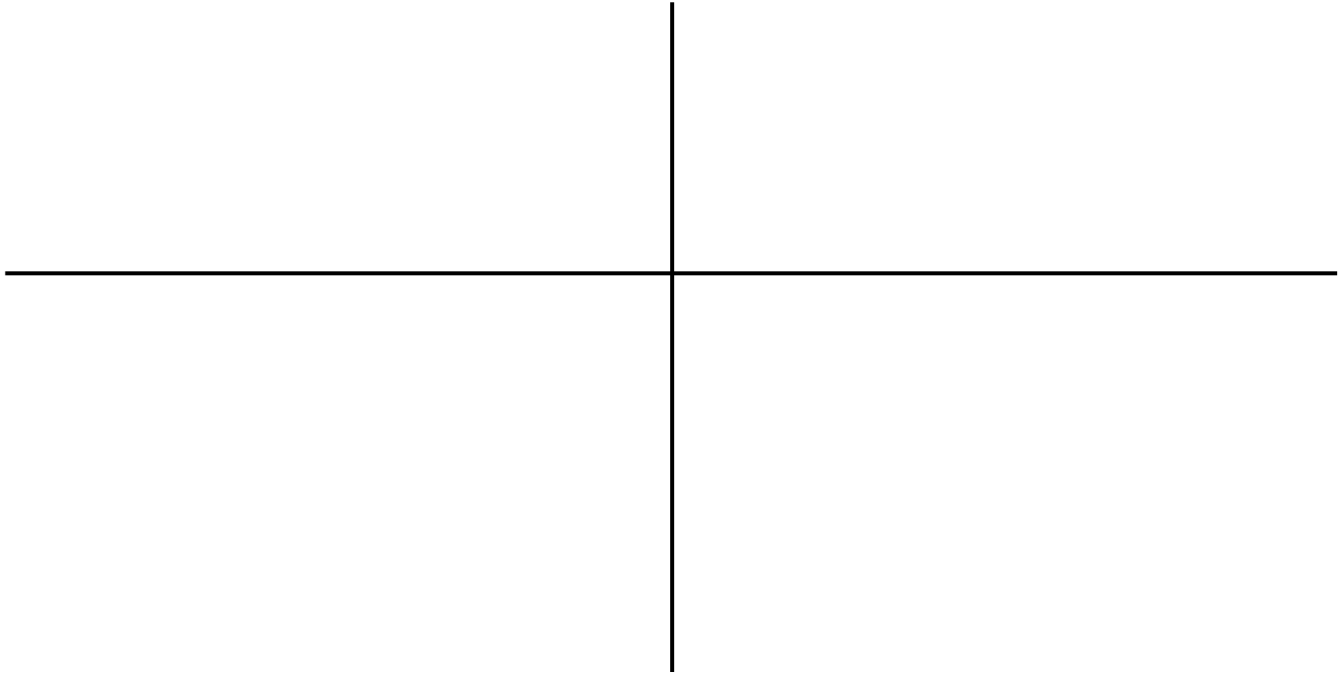
$m(\angle LMN) = \dots\dots\dots^\circ$  and its type is .....





**4- Draw angles with the following measures:**

$90^\circ$  ,  $40^\circ$  ,  $180^\circ$  ,  $150^\circ$



**5- Choose the correct answer:**

- a) The tool used to measure angles is the .....  
( ruler , protractor , compass )
- b) The unit of measuring angles is .....  
( centimeter , degree , kilogram )
- c) The measure of the acute angle is .....  $90^\circ$   
( less than , more than , equal to )
- d) The measure of the right angle is .....  $90^\circ$   
( less than , more than , equal to )
- e) The measure of the obtuse angle is .....  $90^\circ$   
( less than , more than , equal to )



## General Exercises

### (1) Complete

- a) Five thousand and one = .....
- b) Sixty three thousands and eight = .....
- c) One thousands, two hundred and forty = .....
- d) 8576 is written in letters is .....
- e) 50 034 is written in letters is .....
- f) 15278 is written in letters is .....
- g)  $4\,965 = \dots + \dots + \dots + \dots$
- h)  $6\,523 = 500 + \dots + \dots + \dots$

### (2) Write the place value of the underlined digit :-

- a) 45 124 is .....
- d) 42 874 is .....
- b) 43 128 is .....
- e) 5 473 is .....
- c) 5 474 is .....
- f) 5 474 is .....

### (3) Write the value of the underlined digit :-

- a) 21 458 is .....
- d) 8 014 is .....
- b) 8 245 is .....
- e) 1 245 is .....
- c) 5 474 is .....
- f) 9 143 is .....

### (4) Use the following digits to determine the value of the following

9 , 8 , 1 , 7 , 3

The greatest number.....

The smallest number is .....

The sum = .....

The difference = .....



**(5) Complete**

- a)  $5\,643 + 4\,125 = 4\,125 + \dots\dots\dots$
- b)  $(7\,004 + 8\,657) + 2\,154 = \dots\dots\dots + (8\,657 + 7\,878)$
- c) The shape of the base of a cylinder is  $\dots\dots\dots$
- d) The shape of the base of a cone is  $\dots\dots\dots$
- e) Number of edges of a cube =  $\dots\dots\dots$
- f) Number of edges of a cuboid =  $\dots\dots\dots$

**(6) Choose the suitable sign ( < , = , > )**

- a)  $5\,980 + 3\,764 \dots\dots\dots 3\,764 + 5\,980$
- b)  $5029 \dots\dots\dots 2198 + 2831$
- c)  $8 + 0 + 0 + 2 \dots\dots\dots 2008$

**(7) Arrange the following numbers in an ascending order:**

7 452 , 12 475 , 9 999 , 7 458

The order :  $\dots\dots\dots$  ,  $\dots\dots\dots$  ,  $\dots\dots\dots$  ,  $\dots\dots\dots$

**(8) Arrange the following numbers in a descending order:**

1414 , 9 999 , 4 124 , 1 500

The order :  $\dots\dots\dots$  ,  $\dots\dots\dots$  ,  $\dots\dots\dots$  ,  $\dots\dots\dots$