Math

Department

Primary 3

First term

2014-2015

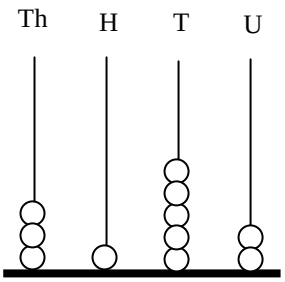
Name: ……

Class: 3/……

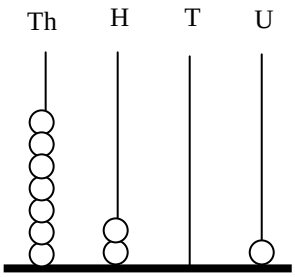
Unit (1)

Thousands

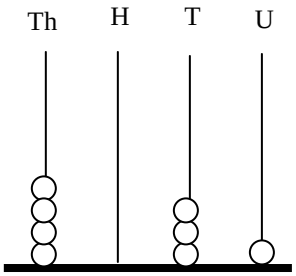
(1) Write the following numbers:-



The number: …….



The number: …….



The number: …….

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(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 = …….

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(3) Write the following numbers in letters:-

a) 1269 = ……..

b) 5308 = ……..

c) 2004= …….

d) 8290= …….

e) 4982= ……..

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(4) Complete:-

1024 , 1025 , ……. , ……. , 1028 , 1029 , …….. , …… , ……. , 1033

1034 , …….. , ... , ……. , 1038 , ……. , …….. , 1041 , 1042 , 1043

……. , ……. , 1046 , 1047 ,……. , 1049 , ……. , ……. , ……

(5) Complete (as in a) :-

a) 7496 = 7000 + 400 + 90 + 6

b) 5832 = …… + …... + …… + ……

c) 6911 = …… + …... + …… + ……

d) 9502 = …… + …... + …… + ……

(6) Write the number:-

a) …… = 6000 + 200 + 80 + 6

b) …... = 1000 + 90 + 4

c) …… = 5000 + 2

d) …… = 4000 + 800 + 5

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

65 (4) 9 40 3 (1) 81 ……

(3)328 …... (7)9 0 8 ……

4 (7) 06 …… (1)165 ……

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

5219 , 970 , 7 985 , 7402 , 3 984

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

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

(9) Complete in the same pattern:-

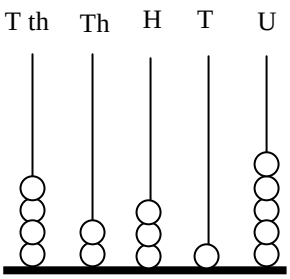
* 9461 , 9451 , ... , ... , 9421 , ...

* 2350 , …… , 2550 , 2650 , ……. , …….

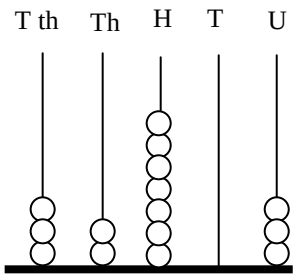
* ..... , 5751 , 5851 , ... , ... , 6151

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

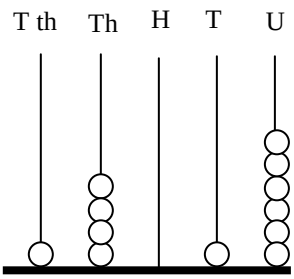
(1)Write the following numbers:-



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

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 = ……..... + 395 = ……. + 4000 + …… + …… + …….

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 :-

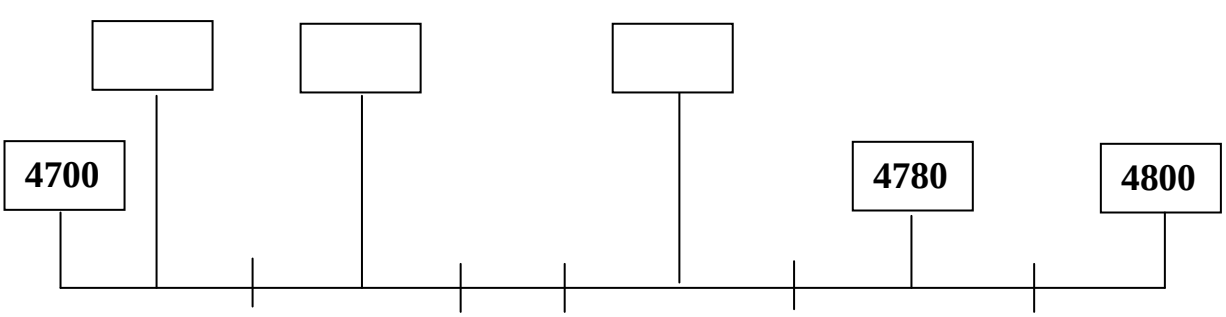
30879 , 3879 , 30987 , 30798 , 39087

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



(1) Add :

2 3 4 5	3 5 6 7	4 5 3 2 6	2 0 1 2 9
+ 3 2 1 4	+ 2 5 2 5	+ 3 2 5 8 6	+ 5 4 8 3 4
_____	_____	_____	_____
……..	……..	……..	……..

5 8 3 9 + 3 4 1 5 =……..
2 6 8 7 + 5 3 4 2 6 =……..

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2) story proplem:

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 =……+……+……..=…….

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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 =……+……=……..

first case

a) 2634 + 10 =……. because 30 + 10 =…….
b) 35472 + 100 =……... because 400 + 100 =…….
c) 21473 + 1000 =……. because 1000 + 1000 =……..
d) 32547 + 200 =…….. because 500 + 200 =…….
e) 2458 + 2000 =……... because 2000 + 2000 =……

second case

a) 4000 + 254 =…….
b) 6000 +45 =……..
c) 25000 + 254 =……..
d) 58000 + 6 =…….
e) 3000 + 200 + 34 =…….
f) 12000 + 700 + 5 =……..

Third case

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

fourth case

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

a) 20346 + 4567 =……

b) 30345 + 4567 =…….

c) 20355 + 4567 =……

d) 21345 + 4567 =……..

(1) Complete :-

a) 1258 + 3568 = …….+ 1258

b) 2514 + 1208 + 4503 = 2514 + 1208 +…….

c) 1478 + 2544 +…… = 1478 +……. +5016

d) …….+3286 + 2458 = 3147 + 3286 +…….

e) 5210 +…….. + 3546 = 5210 + …….+ 3546

(1) Subtract :

8 7 6 5	5 7 4 1	7 5 2 4 5	8 0 4 1 3
- 3 2 1 4	- 2 5 2 5	- 3 2 5 8 6	- 5 4 8 3 4
…….	…….	…….	…….

5 7 3 4 - 2 5 6 8 =…….. 7 3 2 6 – 5 2 9 6 =……

5 6 2 4 - 2 1 4 7 =…….. 4 5 3 6 2 – 1 3 5 7 2 =…….

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(2) Story proplem:

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……..

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(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 ……-……=……..

First case

a) 2478 – 10 =……..
b) 32547 – 100 =……
c) 45267 - 1000 =……
d) 32547 – 200 =…….
e) 24586 - 3000 =……...
f) 47856 – 40 =……..
g) 25065 – 30 =…….

second case

a) 7485 – 485 =…….
b) 65412 – 412 =……..
c) 25465 – 65 = ……..
d) 58745 - 45 =…….
e) 3040 – 40 =…….
f) 95740 – 5740 =……...

Third case

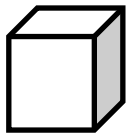
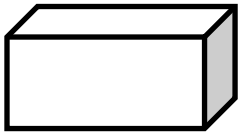
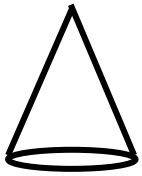
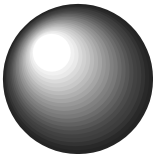
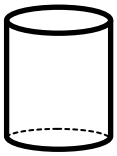
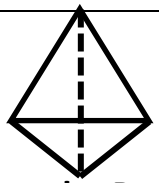
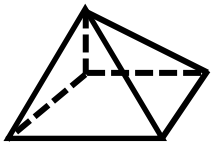
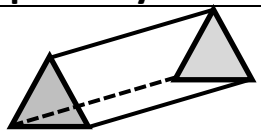
a) 8534 – 8000 =……..
b) 65874 – 800 =……...
c) 75482 – 75000 =…….
d) 3040 – 3000 = ……...
e) 50420 – 400 =……..

fourth case

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

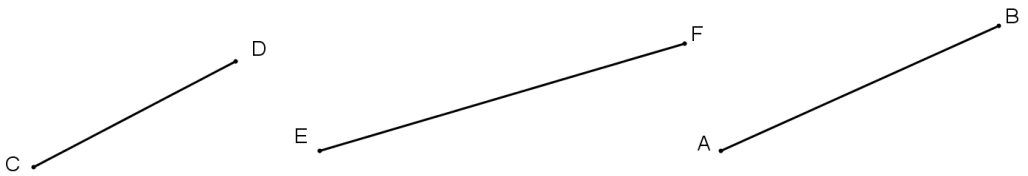
a) 85633 – 7451 =……
b) 86632 – 7451 =…….
c) 85642 – 7451 =……

Lesson 1 "Solids"

Solid	Edges	Vertices	faces
 Cube	12	8	6
 Cuboid	12	8	6
	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:



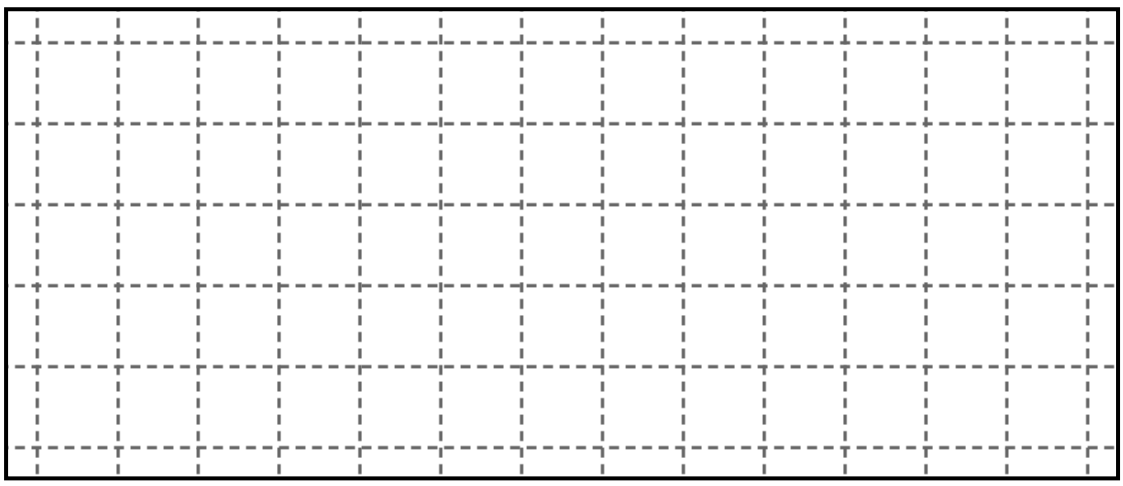
CD = ... cm EF = ... cm AB = ... cm

Lesson 3"Geometric constructions"

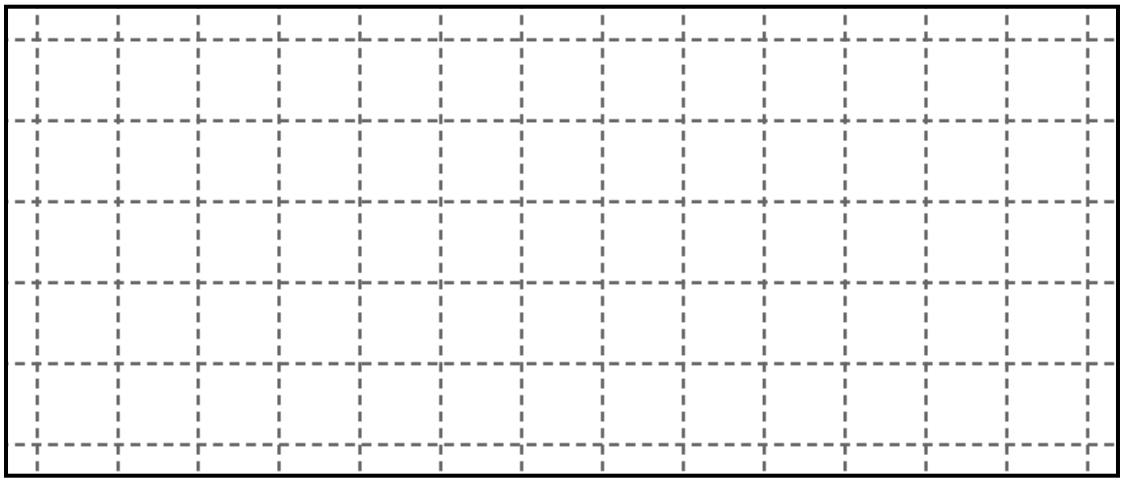
Draw Line segments according to the given lengths:

A . **AB = 3 cm**	X. **XY = 5 cm**

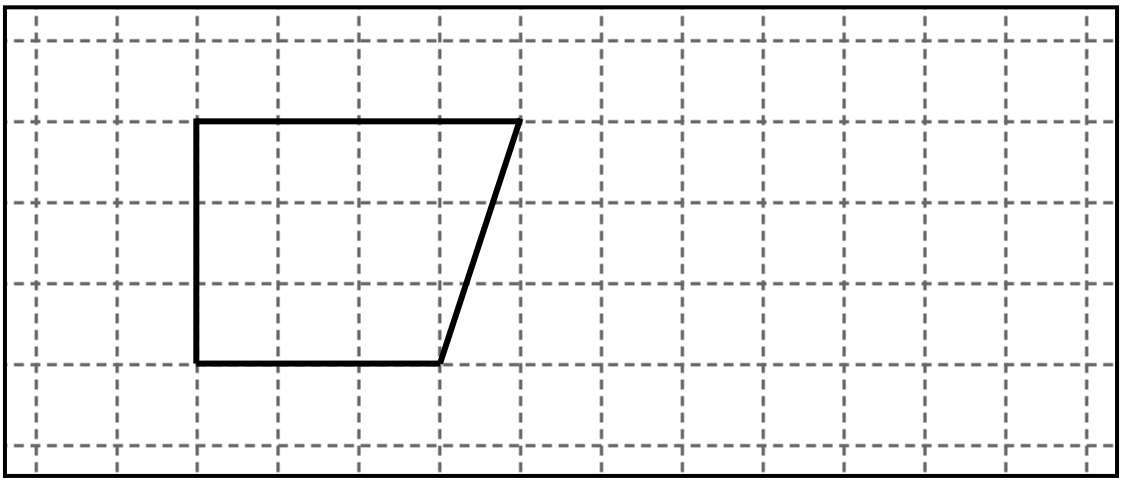
Draw a square with side length 4 units on the opposite lattice:



Draw a rectangle with dimensions 2 units and 4 units:

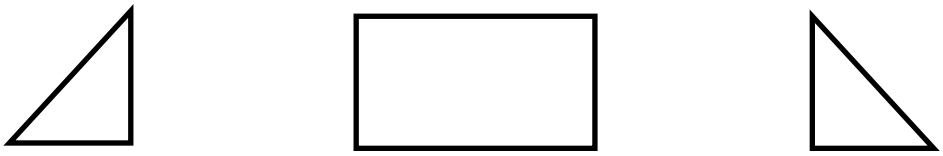


Draw a congruent shape with the drawn one on the following lattice:

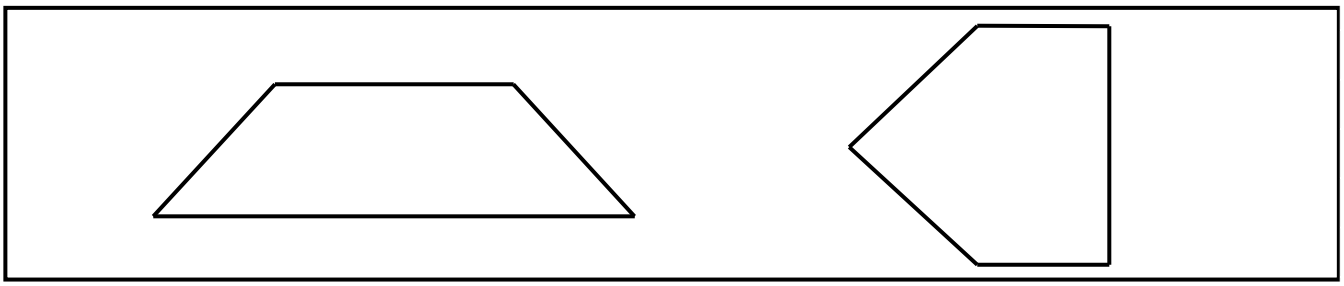


Lesson 4"Breaking down a shape into its parts and rebuilding it"

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 , ABBB , …….. , ……..

b) AZ , BY , CX , ……. , ……. , ……

c) LMN , MNL , NLM , ……. , ……. , ……

d) ◯ , □ , □ , ◯ , ……. , ……. , ……

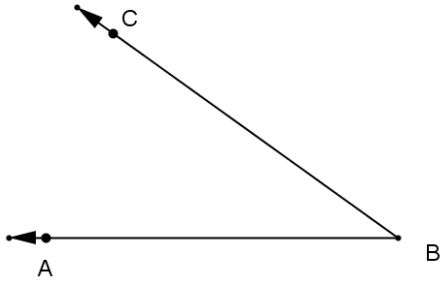
e) △ ◯ , △ ◯ ◯ , …… , ……..

f) ● , ●● , ●●● , …… , ……..

g) ▮ , ▮▮ , ▮▮▮ , …… , ……..

Lesson 6 "The angle"

1- From the opposite figure complete:



a- The name of the angle is∠ .....

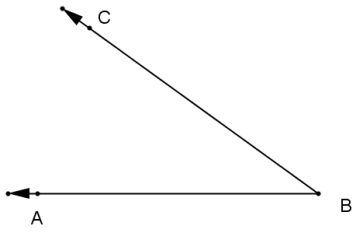
or∠ .....

or∠ .....

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:



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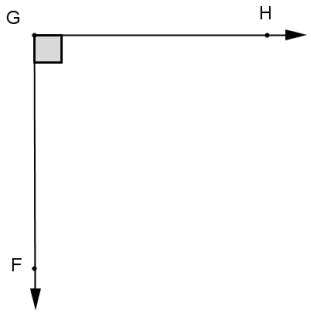

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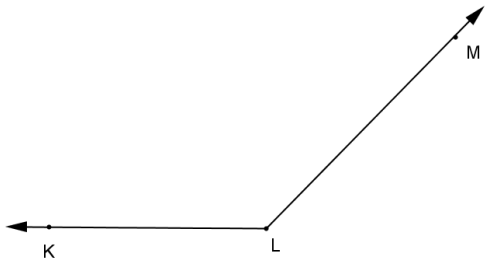

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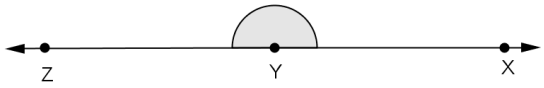

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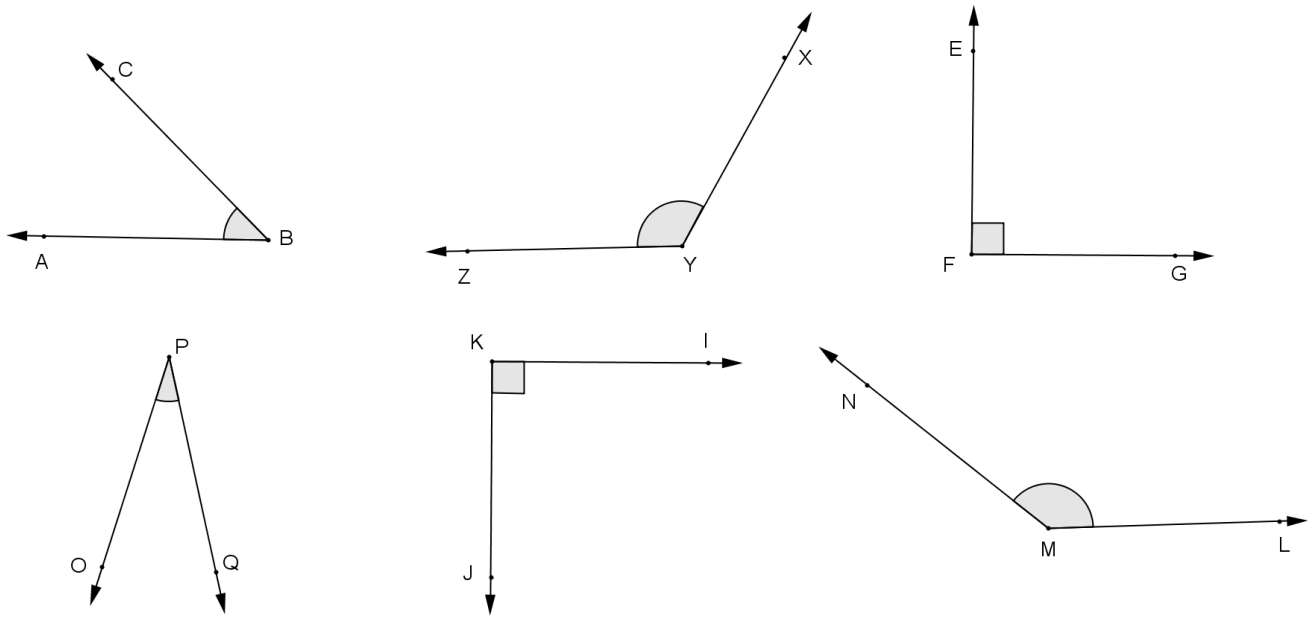
3- Use the protractor to find the measure of the following angles:



m (<ABC) = ...° and its type is .....

m(<XYZ) = ... ° and its type is .....

m(<EFG) = ... ° and its type is .....

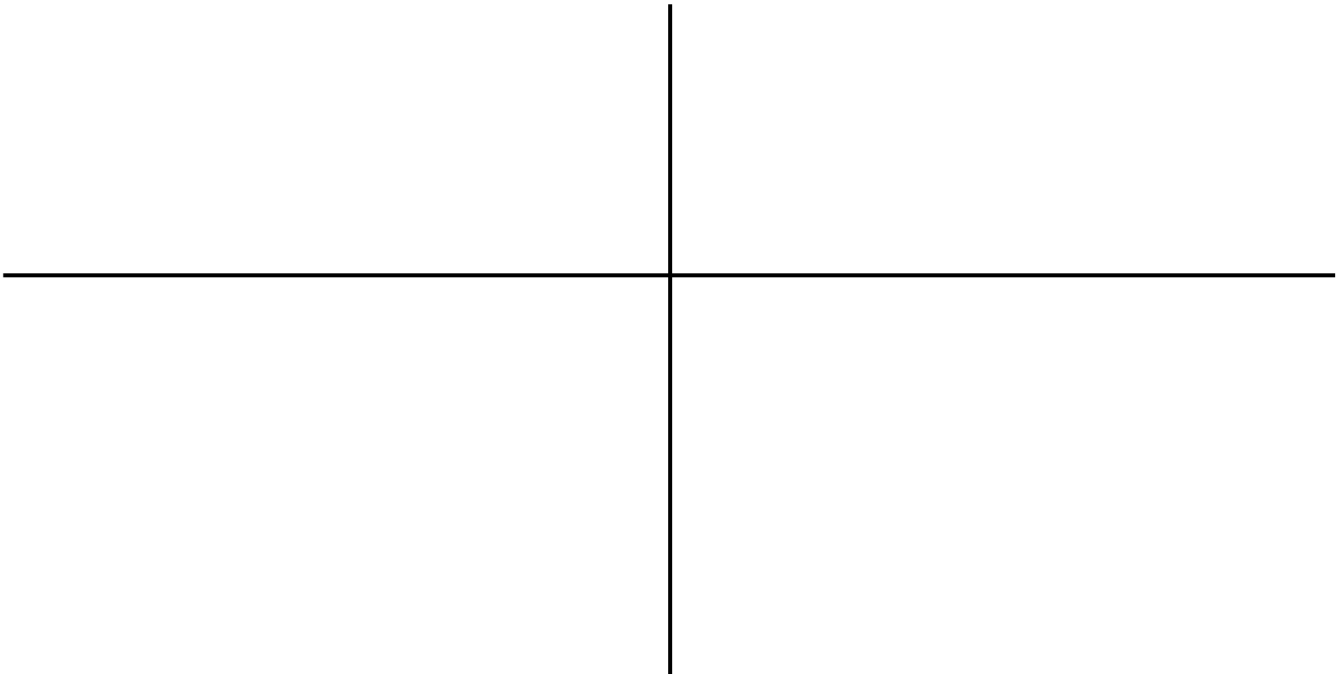
m (<QPO) = ...° and its type is .....

m (<IKJ) = ... ° and its type is .....

m(<LMN) = ...° and its type is .....

4- Draw angles with the following measures:

90° , 40° , 180° , 150°



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°

(less than , more than , equal to)

d) The measure of the right angle is …….. 90°

(less than , more than , equal to)

e) The measure of the obtuse angle is …….. 90°

(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 = …….. + ……. + …… + ……

h) 6 523 = 500 + ……. + ……. + ……

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

a) 45 1<u>2</u>4 is ……..

b) <u>4</u>3 128 is ……..

c) 5 4<u>7</u>4 is ……..

d) 42 <u>8</u>74 is ……..

e) 5 47<u>3</u> is ……..

f) <u>5</u> 474 is ……..

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

a) <u>2</u>1 458 is ……..

b) 8 24<u>5</u>is ……..

c) 5 4<u>7</u>4 is ……..

d) 8 <u>0</u>14 is ……..

e) <u>1</u> 245 is ……..

f) 9 1<u>4</u>3 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 + ……

b) (7 004 + 8 657) + 2 154 = …….. + (8 657 + 7 878)

c) The shape of the base of a cylinder is …….

d) The shape of the base of a cone is ……

e) Number of edges of a cube = ……

f) Number of edges of a cuboid = ……..

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

a) 5 980 + 3 764 …… 3 764 + 5 980

b) 5029 ……..…. 2198 + 2831

c) 8 + 0 + 0 + 2 …… 2008

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

7 452 , 12 475 , 9 999 , 7 458

The order : ……. , ……. , ……. , ……..

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

1414 , 9 999 , 4 124 , 1 500

The order : ……. , ……. , ……. , ……..