

Northlands & Sunfield City School

Mathematics 1st term online paper

For all Grade 3 pupils

Date – 2nd April 2020

Prepared by: Miss Narvada

Geometry

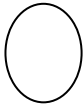
1. Match the following.



Circle



rectangle



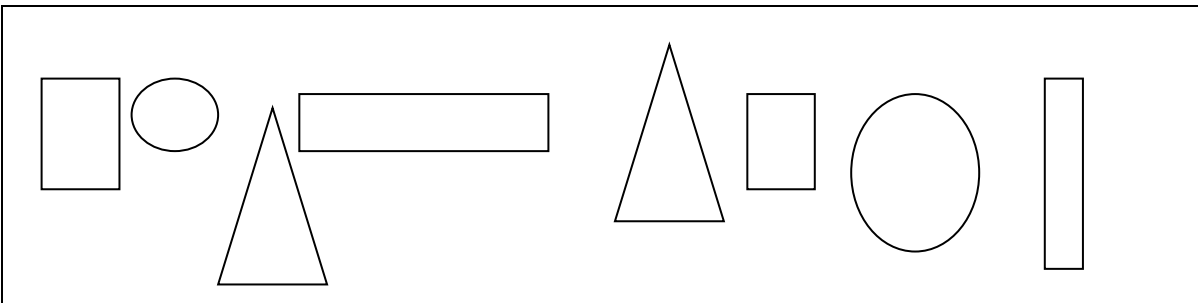
square



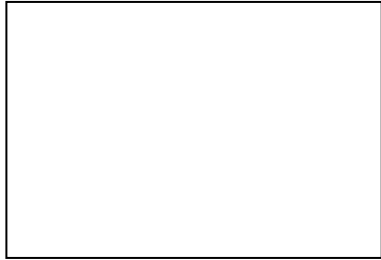
triangle

2. Colour the:

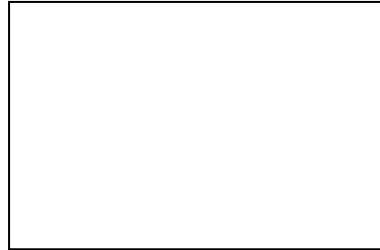
Circles – red squares – blue triangles – yellow rectangles – green



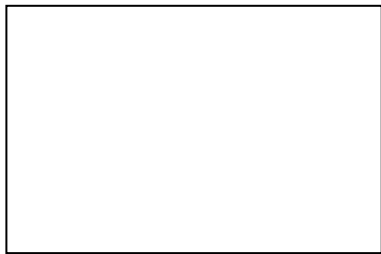
3. Read and draw.



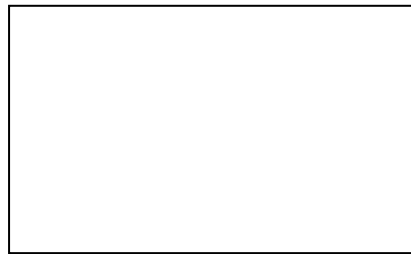
Square



circle



Rectangle



triangle

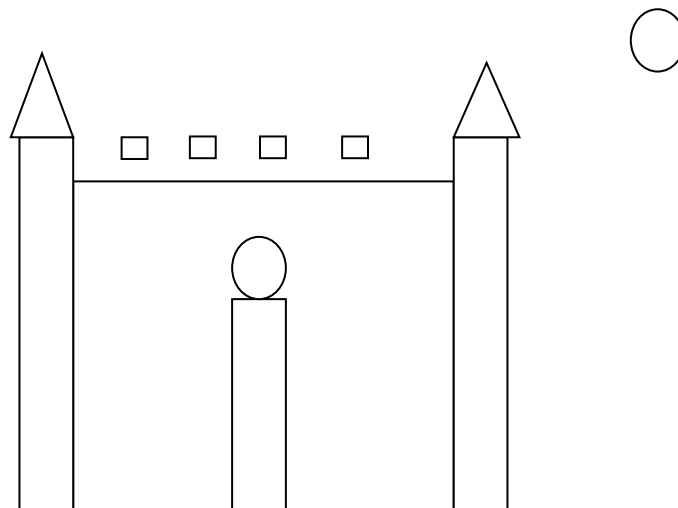
4. Look at the drawing and colour the:

Square – blue

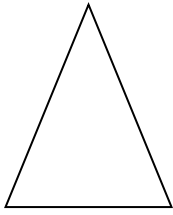
triangle – red

rectangle – green

circles – yellow

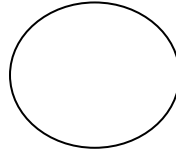


5. Write each shape names. Then count the number of sides and vertices for each shape below.



Sides =

Vertices =



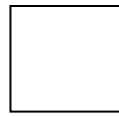
sides =

vertices =



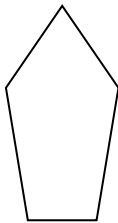
Sides =

Vertices =



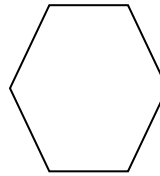
sides =

vertices =



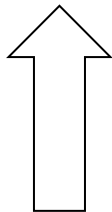
Sides =

Vertices =



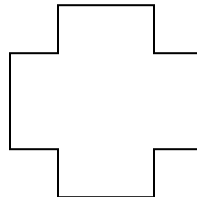
sides =

vertices =



Sides =

Vertices =

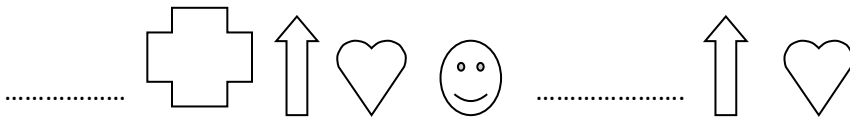
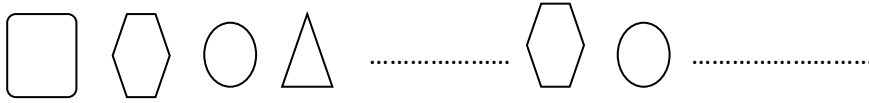


sides =

vertices =

Patterns

1. Complete the pattern.



Pictogram



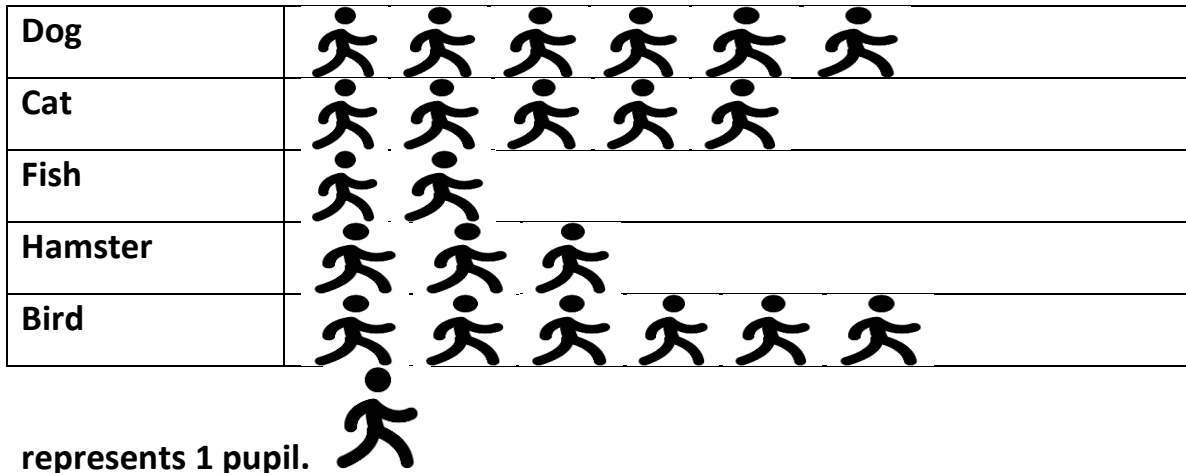
1. Draw  to complete the chart below to show the number of apples eaten by pupils in a class during one week.

Monday	Tuesday	Wednesday	Thursday	Friday
5	4	3	5	7



represents 1 apple.

2. The chart shows the animals liked by pupils of grade 3.



Complete the table below.

Animals	Number of pupils
Dog	
Cat	
Fish	
Hamster	
Bird	

Answer the questions below.

a) Which animal is liked by the largest number of pupils?

b) Which animal is liked by 3 pupils?

c) 6 pupils likedand

d) How many pupils are there in all?.....

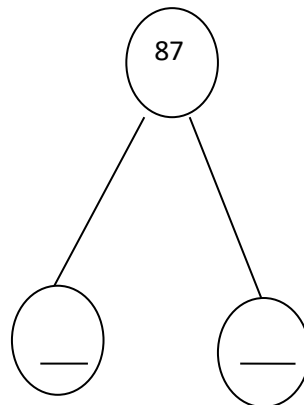
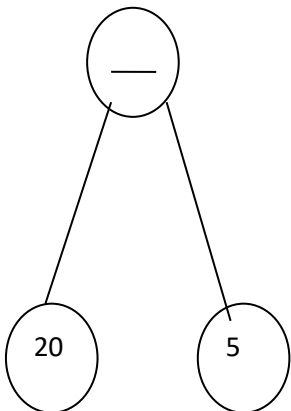
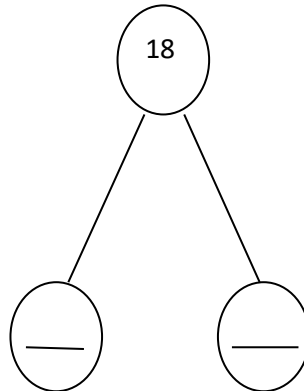
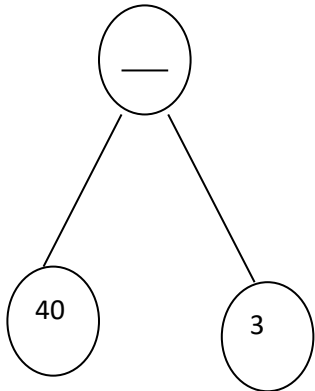
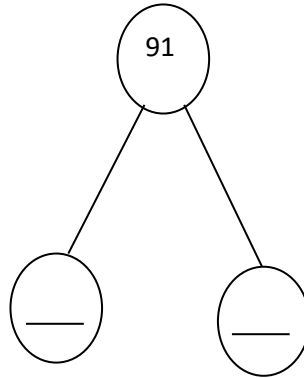
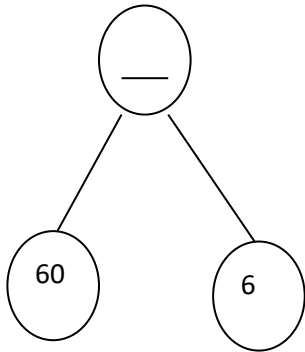
3. The chart shows the number of fruits in a basket.

Banana	  
Orange	      
Apple	  
Strawberry	     
Mango	 

- There are..... Oranges.
- There areapples.
- There arestrawberries.
- There arebananas.
- There are mangoes.
- Which fruit is the greatest in number in the basket?.....
- Which fruit is the least in the basket?.....
- Which two fruits are of the same quantity?
..... and
- How many fruits are there in all the basket?
.....Fruits.
- Oranges are how many more than apples?.....

Numbers

1. Complete the number bonds.



2. Write the missing numerals.

a) 4, 5, , 7,..... , , 10

b) ,49, , 51, , , 54

c) 69, , , , 73, , 75

d) , 83 , , ,86 , , 88

e) 33, , , 36, ,

f) 84, 85, , , 88, 89, ,

g) 354, ,357, , 359 ,.....,361

h) 575, , , 578 , ,580

i) 770 , 771 , , , , 775 ,

j) , 871 ,..... , 873 ,..... ,875 ,

3. Write greater or smaller.

206 is than 213.

319 is than 310.

620 is than 514.

999 isthan 1000.

4. Write the number names.

- a) 19 -
- b) 20 -
- c) 37 -
- d) 44 -
- e) 90 -
- f) 115 -
- g) 999 -

5. Match.

Forty nine	44
Fifty three	70
Forty four	49
Sixty one	53
Seventy	61

6. Write the correct numeral.

- a) 2 hundreds, 4 tens and 3 units =
- b) 4 hundreds , 6 tens and 1 unit =
- c) 8 hundreds, 8 tens and 8 units =
- d) 0 hundred, 7 tens and 1 unit =
- e) 3 hundreds, 0 tens and 2 units =
- f) 2 hundreds, 5 tens and 0 units =

7. Complete the following.

- a) 294 = hundreds, tens and units.
- b) 382 =
- c) 617 =
- d) 542 =
- e) 775 =
- f) 914 =
- g) 843 =

8. Write the number names.

- a) 320 =
- b) 703 =
- c) 912 =
- d) 817 =
- e) 904 =
- f) 555 =
- g) 650 =
- h) 244 =
- i) 679 =
- j) 1000 =

9. Write the numeral.

- a) Two hundred and forty four -
- b) Three hundred and twenty two -
- c) One hundred and thirteen -
- d) Four hundred and ninety nine -
- e) Five hundred and fifty -
- f) Six hundred and sixty six -
- g) Seven hundred and forty -
- h) Eight hundred and nine -
- i) Nine hundred and seventy -

Ascending and descending Order

1. Write in the ascending order.

- a) 99 , 44 , 84 , 38, 17

.....,,,,

- b) 730 , 645 , 186 , 394 , 648

.....,,,,

- c) 982 , 374 , 928 , 372 , 537

.....,,,,

- d) 263 , 741 , 880 , 236 , 316

.....,,,,

2. Write in the descending order.

a) 73 , 52 , 69 , 28 , 31

.....,,,,

b) 830 , 562 , 937 , 401 , 730

.....,,,,

c) 272 , 754 , 793 , 410 , 107

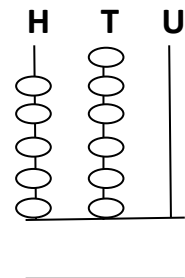
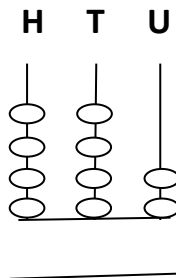
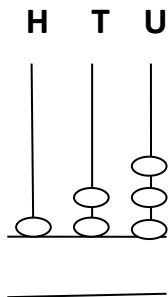
.....,,,,

d) 923 , 311 , 295 , 661 , 932

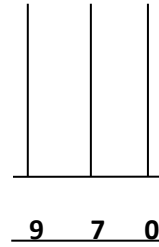
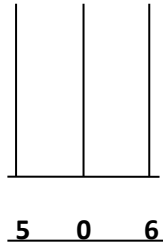
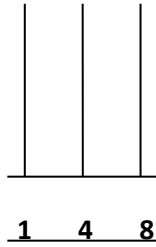
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Abacus

1. Write the number shown on the abacus in the boxes below.



2. Draw the number of beads on each abacus to show the given numeral.



Addition

Example

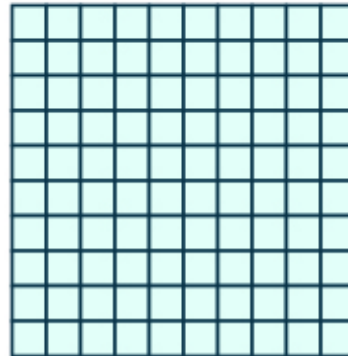
A single block
represents 1:



A rod
represents 10:



A square
represents 100:



1. Write the correct numeral.

A visual equation using base ten blocks. The first box contains 4 tens rods and 1 unit cube, representing the number 41. This is followed by a plus sign and a second box containing 2 tens rods and 4 unit cubes, representing the number 24. This is followed by an equals sign and a large empty rectangular box for the answer.

A visual equation using base ten blocks. The first box contains 3 tens rods and 2 unit cubes, representing the number 32. This is followed by a plus sign and a second box containing 1 ten rod and 3 unit cubes, representing the number 13. This is followed by an equals sign and a large empty rectangular box for the answer.

A visual equation using base ten blocks. The first box contains 4 tens rods and 3 unit cubes, representing the number 43. This is followed by a plus sign and a second box containing 2 tens rods and 2 unit cubes, representing the number 22. This is followed by an equals sign and a large empty rectangular box for the answer.

A visual equation using base ten blocks. The first box contains 3 tens rods and 4 unit cubes, representing the number 34. This is followed by a plus sign and a second box containing 1 ten rod and 1 unit cube, representing the number 11. This is followed by an equals sign and a large empty rectangular box for the answer.

A visual equation using base ten blocks. The first box contains 3 tens rods and 2 unit cubes, representing the number 32. This is followed by a plus sign and a second box containing 3 tens rods and 4 unit cubes, representing the number 34. This is followed by an equals sign and a large empty rectangular box for the answer.

2. Work out.

a) $34 + 24 = \dots\dots\dots$

T	U

b) $52 + 30 = \dots\dots\dots$

T	U

c) $61 + 28 = \dots\dots\dots$

T	U

d) $24 + 21 = \dots\dots\dots$

T	U

e) $36 + 31 = \dots\dots\dots$

T	U

f) $61 + 27 = \dots\dots\dots$

T	U

g) $16 + 10 = \dots\dots\dots$

T	U

h) $30 + 42 = \dots\dots\dots$

T	U

3. Work out

a) $423 = 415 = \dots\dots\dots$

H	T	U

b) $206 + 252 = \dots\dots\dots$

H	T	U

c) $214 = 431 = \dots\dots\dots$

H	T	U

d) $183 + 215 = \dots\dots\dots$

H	T	U

(Addition with carrying)

a) $417 + 223 = \dots\dots\dots$

H	T	U

b) $317 + 25 = \dots\dots\dots$

H	T	U

4. In a basket there are 128 mangoes and 210 apples. How many fruits are there in all?

Number of fruits in all =

5. In a class there are 22 boys and 15 girls. How many pupils are there in all in the class?

Number of pupils =

6. A florist sells 382 flowers on Monday and 216 flowers on Tuesday. How many flowers does he sell during the two days?

Number of flowers =

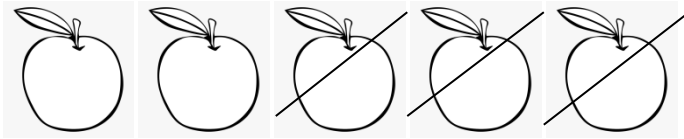
7. In a bus there were 27 children, 10 men and 13 women. How many people were there in all in the bus?

Number of people =

Subtraction

Subtraction in mathematics means you are taking something away from a group or number of things. When you subtract, what is left in the group becomes less. An example of a subtraction problem is the following: $5 - 3 = 2$.

Example 1



5 apples take away 3 apples = 2 apples left

Example 2

	Tens	units	
/	3	8	/
-	1	5	
	2	3	

Example 3

Always remember any number – the same number = 0

$$8 - 8 = 0$$

Example 4 : subtraction with borrowing

	T	U	
/	4	10	/
	5	3	
	2	9	
	2	4	

$13 - 9 = 4$

1. Complete the following.

a) $5 - 4 = \dots\dots\dots$

b) $9 - 2 = \dots\dots\dots$

	U
	5
—	
	4

c) $16 - 5 = \dots\dots\dots$

d) $28 - 14 = \dots\dots\dots$

T	U

e) $60 - 47 = \dots\dots\dots$

f) $85 - 75 = \dots\dots\dots$

T	U

2. There are 50 eggs in a basket. A shop-keeper sells 24 of them. How many eggs are left in the basket?

Number of eggs left