# केन्द्रीय विद्यालय संगठन, अहमदाबाद संभाग <br> KENDRIYA VIDYALAYA SANGATHAN <br> AHMEDABAD REGION 



## GRADED WORKSHEETS

## CLASS: III

SESSION: 2022-2023


## Ms. NIDHI PANDEY, IIS

# COMMISSIONER, KVS (HQ), NEW DELHI 

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## TEAM OF MATHEMATICS GRADED WORKSHEET

| Sr. No. | Name | Designation | Name of KV |
| :--- | :--- | :--- | :--- |
| 1. | Mr. Mahendra Dohare | HM | KV AFS Wadsar |
| 2. | Mr. Dinesh Ghadiya | PRT | KV Rajkot |
| 3. | Mr. D D Jhala | PRT | KV Rajkot |
| 4. | Mr Sharad Joshi | PRT | KV NO2 INF Jamnagar |
| 5. | Mr. Rajeshkumar Gohil | PRT | K.V.NO.4 ONGC Vadodara |
| 6. | Mr. Navin Vankar | PRT | KV AFS Makarpura Vadodara |
| 7. | Ms Neha Sahani | PRT | KV INS Valsura |
| 8. | Ms. Savita | PRT | K.V. No.1, Ichhanath Surat |
| 9. | Mrs. Shashi Prabha | PRT | KV Sabarmati Ahmedabad |
| 10. | Ms Sushila Nehra | PRT | KV NO1 AFS Jamnagar |



## TEAM OF MODERATION

## MATHEMATICS GRADED WORKSHEET

| Sr. No | Name |  | Designation |
| :--- | :--- | :---: | :--- | Name of KV

## INDEX

| Sr.No. | Concept |
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| 5 | Measurement |
| 6 | Shapes |
| 7 | Time |

केन्द्रीय विद्यालय संगठन

CLASS: 3
SUBJECT: MATHS
LEVEL: 1
Max. Marks: 10
Concept : Basics of Map reading Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q.1) Think and answer.

3 marks
a) Circle the animal facing right.
b) Circle the animal facing left.

c) Circle the animal facing right.

Q.2) Is the bird facing left or right. Tick on correct option
a)

b)

Left
Right
Left Right
c) Count the left facing birds in the picture and write the answer in the space given .







Re




Q.3) Do as directed.

Help the Seahorse to reach coral.

Q.4) Find the correct way to place the fruit in the box.

3 marks

a) Place the pineapple in the pineapple's box.
b) Place the apple in the apple's box.
c) Place the grapes in the grapes box.

केन्द्रीय विद्यालय संगठन

CLASS : 3
SUBJECT: MATHS
Concept : Basics of Map reading
LEVEL: 2
Max. Marks : 10 Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q.1) Select the correct option and fill in the blanks. (Sun, east, west)
a) The sun rises in $\qquad$ .
b) The $\qquad$ help us to find the directions.
c) The Sun sets in $\qquad$ .
Q.2) Write true or false in the given box .
a) Direction helps us to find a place. $\square$
b) There are two main directions, North and South. $\square$
c) On a map, the top side is the North, and the bottom side is the south. Up- Down or Left-Right are directions. $\square$
Q.3) Answer the questions form the map.

4 marks


1) Row boats are (right side/left side) of camp fire.
2) Count the total camping trailer from the map.
3) Tents are (right side / left side) of house.
4) Houses are (right side / left side) of tents.

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KENDRIYA VIDYALAYA SANGATHAN
AHMEDABAD REGION
GRADED WORKSHEET

CLASS : 3
SUBJECT: MATHS
LEVEL: 3
Max. Marks : 10
Concept : Basics of Map reading Name of the KV :

Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q.1) Write the directions.

Q.2) Write North, South, East and West to complete the sentence.

a) Label the compass rose on the map. (N, W, E, S)
b) The school is $\qquad$ side of the supermarket. (North, South)
c) The Police Station is $\qquad$ side of pizza restaurant. (East, West)
d) The supermarket is $\qquad$ side of the school. (North, South)
Q.3) Answer the questions from the map.

4 marks

a) Label the compass rose on the map. (N, W, E, S)
b) Colour the land green and water blue.
*Write North, South, East or West to complete each sentence.
a) The cabins are $\qquad$ of the tents. (East, West)
b) The Island is $\qquad$ of the cabins. (East, West)

केन्द्रीय विद्यालय संगठन

## CLASS : 3

SUBJECT: MATHS
Concept: Basics of Map reading
Max. Marks: 10
Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1. Draw a map of your class and answer the following. 2 marks
a) Total number of benches in your class? $\qquad$ 1 mark
b) In which direction blackboard in your class? $\qquad$ 1 mark
c) What is in the left side of blackboard? $\qquad$ 1 mark
d) What is in the right side of blackboard? $\qquad$ 1 mark
e) Show direction of Class teacher's desk $\qquad$ 1 mark
f) In which direction park from your class? $\qquad$ 1 mark
g) In which direction Resource room from your class? 1 mark
h) What is in the east direction of your class? $\qquad$ 1 mark

CLASS: 3
Concept: Number System
SUBJECT: MATHS
LEVEL: 1
Max. Marks : 10
Name of the KV: $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 Write Number name for the given numerals:
a) 85 : $\qquad$
b) 805 : $\qquad$
c) 850 : $\qquad$
Q. 2 Encircle the number which are more than 50.
Q. 3 Encircle the number which are less than 45.
Q. 4 Encircle the number which are between 60 to 99 .
Q. 5 Fill in the blanks using counting in 10s.
a) $10,20,30$, $\qquad$ , $\qquad$ .
b) 500, $\qquad$ , $\qquad$ , $530,540$.
Q. 6 Read and find from the scoreboard:

| Player | Score |
| :---: | :---: |
| Virat Kohli | 15 |
| Dinesh Kartik | 26 |
| Ravindra Jadeja | 50 |
| Mahendra Dhoni | 100 |

a) $\qquad$ scored a century.
b) $\qquad$ scored half century.

केन्द्रीय विद्यालय संगठन

# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

CLASS: 3
SUBJECT: MATHS
LEVEL: 2
Max. Marks : 10
Concept: Number System
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 Write in numerals for the given number name:
a) One hundred fifty seven: $\qquad$
b) Five hundred seven $\qquad$
Q. 2 Write the correct symbol (>, <, or =) in the blank.
$\qquad$ 85
Q. 3 Write the correct symbol (>, <, or $=$ ) in the blank.

129 $\qquad$ 105
Q. 4 Encircle the number which are not between 450 and 460.

| 455 | 445 | 459 | 456 | 457 | 444 | 475 | 452 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

Q. 5 Fill in the blanks using counting in 50 s. 750, $\qquad$ , $\qquad$ , $900,950$.
Q. 6 Fill in the blanks using counting in 5 s.

120, 125, $\qquad$ , $\qquad$ , 140.

Q 6.Arrange the following numbers in ascending order.
a) $863,836,806,860$ :
b) $932,239,329,392$ :
Q. 7 Fill in the blanks from the given table:

| Name of student | No of pebbles collected |
| :--- | :--- |
| Siya | 330 |
| Mohini | 303 |
| Nayna | 333 |
| Jiya | 344 |
| Kavya | 323 |

a) $\qquad$ collected the most number of pebbles.
b) Kavya will collect $\qquad$ more pebbles to be equal to Nayna.
c) If Mohini will collect 7 more pebbles, she will have $\qquad$ .
d) $\qquad$ needs 6 more seeds to have 350 .

# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

CLASS : 3
SUBJECT: MATHS
LEVEL: 3
Concept: Number System Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 Find these numbers in the chart and colour them.

| Red | Blue |
| :---: | :---: |
| Five hundred sixty six | Eight hundred seven |
| Six hundred six | Six hundred sixty five |


| 708 | 566 | 606 |
| :--- | :--- | :--- |
| 665 | 807 | 660 |
| 656 | 780 | 870 |

Q. 2 Write the following numbers by expanding them.
a) $142=$ $\qquad$ b) $241=$
c) $421=$ $\qquad$ d) $124=$
$\qquad$
Q.3Write the following numbers by using
 cards.

2 marks
a) 347 : $\qquad$
b) 743 : $\qquad$
Q. 4 who am I? Match with the number.
a) I am century and half century.149
b) I am the greatest 2-digit even number 99
c) I am exactly between 139 and 159 . 98
d) There is 9 in my name and very close to 90 . 150

Q 5 .Make the greatest possible 3-digit number and the smallest possible 3-digit number using given numbers:

a) The greatest possible 3-digit number : $\qquad$
b) The greatest possible 3-digit even number : $\qquad$
c) The smallest possible 3-digit number : $\qquad$
d) The smallest possible 3-digit even number : $\qquad$

# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

CLASS : 3
Concept: Number System Name of the KV :

SUBJECT: MATHS
LEVEL: 4
Max. Marks: 10

Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 Write number in standard form.
a) $9000+40+5=$ $\qquad$ b) $1000+200+30=$ $\qquad$
b) $5000+600+9=$ $\qquad$ d) $80000+8000+80+8=$ $\qquad$
Q. 2 Look at the numbers in this given box. Which of the following is true about the numbers in the box?

| 51 |  | 49 |
| :---: | :---: | :---: |
| 40 |  | 43 |
|  | 36 |  |

a) They all are greater than 40 .
b) They all are between 30 and 50 .
c) They all are between 35 and 55 .
d) They all are less than 50 .
Q. 3 Which abacus has more than 5 beads in every row?

| Answer Options |  |  |  |
| :---: | :---: | :---: | :---: |
| Option A | Option B | Option C | Option D |
| $\left(\begin{array}{l}00000-1 \mid \\ 000-1 \\ 000-1 \\ 0-1\end{array}\right.$ | \| $00000000-1 \mid$ | $\left\lvert\, \begin{aligned} & 000000-1 \mid \\ & 0000000-1 \\ & 000000-1\end{aligned}\right.$ | $\left\lvert\, \begin{aligned} & 00000-1 \mid \\ & 0000000-1 \\ & 00000-000-1\end{aligned}\right.$ |

Q. 4 Mayur has the following number cards :

Using these two cards, she can make a number between :
a) Between 51 and 55
b) Between 56 and 60
c) Between 71 and 75
d) Between 76 and 80 .
Q. 5) 3 equal sized boxes are completely filled with fruits - Box 1 with grapes, Box 2 with apples and Box 3 with melons. Which box has the greatest number of fruits?

a) Box 1
b) Box 2
c) Box 3
d) All boxes have same numbers .

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# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION 

GRADED WORKSHEET

CLASS : 3
SUBJECT: MATHS
LEVEL: 1
Concept: Addition
Max. Marks : 10
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 Add the numbers in the leaves.

1 mark

Q. 2 Add the numbers.

1 mark

$$
6.6060
$$

Q. 3 Count the fruits and do addition.

$\qquad$
Q. 4 Find the sum of the following 2-digit number.

1 mark

Q. 5 Write in standard form:

1 mark
a) $20+10+5=$ $\qquad$
b) $10+10+10=$ $\qquad$
Q. 6 Count and fill in the blanks.

One matchbox $=10$ matchstick

$\qquad$
Q. 7 Count and add the given numbers using the grid.

| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | $\mathbf{3 0}$ |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

a) $45+5=$ $\qquad$ b) $26+8=$ $\qquad$ 1 mark
c) $60+7=$ $\qquad$ d) $92+8=$ $\qquad$ 1 mark
Q. 8 A shopkeeper sold 12 mangoes 5 apples and 2 bananas. How many fruits did he sell?


Total fruits sold $=$ $\qquad$
Q. 9 In a class there are 20 boys and 20girls. How many students are there in class?

20 boys +20 girls $=$ $\qquad$ .

1 mark

# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

CLASS : 3
SUBJECT: MATHS
LEVEL: 2
Concept: Addition
Max. Marks : 10
Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1 Find the sum of the following 2-digit numbers:


Q2 Fill the correct number
1 mark

$$
7+\ldots=16
$$

Q3 Write in standard form.
$100+50+20=$ $\qquad$

Q4 Write in expanded form
1 mark
$3075=$ $\qquad$
$\qquad$ $+$ $\qquad$
$\qquad$
Q5 Add mentally and write the number:
1 mark
10 more than 49 $\qquad$
Q6 Write the answers directly in the box.

$$
48+42=\square
$$

Q7 Manthan scored 88 runs in the first match and 62 in the second match in the inter-school games. Find the total number of runs scored by him in the two matches.

2 marks


Ans : $\qquad$

Q8 Raj had 62 blocks. His mother gave him 54 blocks more. Count and Write how many blocks Raj have?

2 marks


केन्द्रीय विद्यालय संगठन

# KENDRIYA VIDYALAYA SANGATHAN <br> AHMEDABAD REGION 

GRADED WORKSHEET

CLASS : 3
SUBJECT: MATHS
LEVEL: 3
Concept: Addition Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1 Find the sum of the following 3-digit numbers:

$$
\begin{array}{r}
256 \\
+389
\end{array}
$$

Q2 Find the missing number. The sum of each side of the triangle should be equal to the number in the centre of triangular shape.


Q3) Observe different ways of writing 100. And fill in the blanks.
2 marks


Q4 Write the number:
450 more than $190+100=$ $\qquad$

Q5 This is the list of food items needed to buy in a restaurant's kitchen:
2 marks

| Items | Price |
| :--- | :--- |
| Meat | ₹ 100 |
| Bread | $₹ 45$ |
| Curd | $₹ 23$ |
| Fish | $₹ 88$ |
| Butter | $₹ 56$ |

a) What is the price of meat and fish?
b) What is the total amount of money needed to buy all these things?

Q6 I read 99 pages of my story book yesterday and today I read 117 pages. What is the total no. of pages that I read?

2 marks

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CLASS : 3
SUBJECT: MATHS
LEVEL: 4
Max. Marks : 10
Concept: Addition Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1 In an Ice-cream parlor, the number of ice-cream cups sold in two days is given below:

2 marks

| Ice-Cream | Vanila | Chocolate | Butterscotch |
| :--- | :---: | :---: | :---: |
| $1^{\text {st }}$ day sale | Rs. 130 | Rs. 45 | Rs. 154 |
| $2^{\text {nd }}$ day sale | Rs. 35 | Rs. 141 | Rs. 65 |

Look at the above and answer the following questions:
a) How many ice-cream cups were sold on first day? $\qquad$
b) How many Vanilla cups were sold in two days ? $\qquad$
c) How many Chocolate cups were sold in two days? $\qquad$
d) How many Butterscotch cups were sold in two days ? $\qquad$

Q2 Ram, Krishna and Radha are keeping score of the game they are playing. When a player wins a game, that player gets 5 points. If a player loses a game, the player has 3 points taken away. If it is a tie, every player gets

2 marks
a) Each of them has 20 points to start with. How many points do they have in total? $\qquad$
b) Ram wins the first game. How many points does Ram has after the first game? $\qquad$

Q3 In a school there are the following numbers of students: 127 in grade one, 120 in grade two, 110 in grade three. Find the total number of students in the school.

2 marks
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Q4) On a fishing trip ,Jay catches 345 fishes, Veeru catches 80 fishes and Madan catches 186 fishes. How many fishes catches were caught at all? 2 marks
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Q5) Rohan tosses a coin. He tosses 85 heads and 76 tails. How many times was the coin tossed?

2 marks
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q1) Rabbit should pick only one carrot from the basket. Help them to pick the correct carrot. 1 mark


Q2) Subtract using card.

$=$ $\square$

Q3) Subtract the fruits.


Q4) Find the answer of the following 2-digit number.
1 mark

| $T$ |
| ---: |
| 79 |
| $-\quad 19$ |

Q5) Circle True or False by solving the equations:
$13=16-3$
True
False

Q6) Find the missing numbers.
1 mark

$$
14-5=\square
$$

Q7) Count and subtract the given numbers using the grid.

| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |

a) $50-5=$ $\qquad$ b) $88-6=$ $\qquad$ 1 mark
c) $100-10=$ $\qquad$ d) $20-10=$ $\qquad$ 1 mark

Q8) Ram has 74 crayons. He gives 22 crayons to Bheem. How many crayons does Ram have left?


Crayons left with Ram = $\qquad$

Q9) 20 people were riding on the bus. At one stop 15 people got off on the bus.
How many people were left in the bus?
1 mark


People left = $\qquad$ .

## KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET

CLASS : 3
Concept: Subtraction
SUBJECT: MATHS
LEVEL: 2
Max. Marks: 10

Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1) Find the difference of the following 2-digit numbers:
1 mark

| $T 0$ |
| ---: |
| 57 |
| $-\quad 39$ |

$\qquad$
Q2) Write the correct answer in the blanks:
1 mark
a) 35 - $\qquad$ $=20$
b) $\qquad$ $-25=25$

Q3) Count and write:
1 mark
a) $100-50-20=$ $\qquad$
b) $50-20-10=$ $\qquad$
Q4) Choose the correct answer.
1.

|  | T | $\bigcirc$ |
| :---: | :---: | :---: |
|  | 8 | 5 |
| - | 4 | 3 |
|  |  |  |

a) 24
b) 42
c) 32
d) None of these

Q5) Count and write the number:
a) 10 less than 89 $\qquad$
b) 20 less than 100 $\qquad$

Q6) Encircle the two numbers that gives the difference shown on each cap.
1 mark


Q7) There were 75 chocolates in a packet. 33 chocolates distributed among children, then how many chocolates remained in the packet?

2 marks


Q8) Total number of students in a class is 45 . If the number of girls is 22 , then what is the number of boys in the class?

2 marks


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GRADED WORKSHEET
CLASS : 3

Concept: Subtraction
SUBJECT: MATHS
LEVEL: 3
Max. Marks: 10
Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q1) Find the difference of the following 3-digit numbers:
(With borrowing):
956
$-389$

Q2) Find the missing number.
1 mark
a) 465 - $\square$ $=300$
b) $\square$ - $250=250$

Q3) Complete the puzzle.
2 marks


Q4) Add mentally and write the number:
$\qquad$

Q5) Sheetal went to buy 568 cookies. She got only 233 cookies in the bakery. How many more cookies she has to buy?


Q6) There were 746 books in the library. Out of which 242 books are lost. How many books are left in the library? 2marks


केन्द्रीय विद्यालय संगठन

CLASS : 3
SUBJECT: MATHS
LEVEL: 4
Max. Marks : 10
Concept: Subtraction
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Simon, an adventurer, got trapped in the magical Blackwood Forest. In order to find his way out, he needs to solve a series of puzzles.

1) The first puzzle involved two giant trees. To open the path, he needs to find the height difference between the two trees. If the first tree is 465 feet high and the second is 399 feet, what is the height difference?
2) The path opened to a beautiful garden enclosed by a 600 -foot wall. The exit door will open when the number of white flowers is the same as the number of red flowers. If there are 555 white flowers and 347 red flowers, how many more red flowers are needed?

2 marks
3) The exit door leads to a river 487 inches across; if the bridge he needs to cross is only 295 inches, how much longer does he need to build if he wants to cross the river using the bridge?

2 marks

4) Across the river, he fell into a hole 24 feet deep. To get out, he needs to fill it with 823 litre of water. If the hole initially has 676 litre, how much more water does he need to fill it?

2 marks
5) At the edge of the forest, an anthill is blocking his way out. In order to pass through, Simon needs to help the ants gather food. If the ants need 911 grains of food and they already have 762 , how many more grains are needed to be gathered?

2 marks

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# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

आज़ादी का
अमृत महोत्सव

CLASS : 3
SUBJECT: MATHS
LEVEL: 1
Max. Marks : 10
Concept : Measurement Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 How many $\square$ erasers can we measure the given pencil?

Ans $\qquad$ erasers

Q. 21 eraser = 2 centimetres

How many centimetres are there in above pencil? $\qquad$
Q. 3 The scale shows 1 metre $=100 \mathrm{~cm}$

Find half metre $=$ $\qquad$ centimetres

Q. 4 Arrange the objects given below in the order of the length smallest to longest.

1-Mark


Snake
a) $A B C D$
b) BCDA
c) CDAB
d) DABC

Ans: $\qquad$
B

ant
Q. 5 There are two measurements given below
a) Which one is smaller ? $\qquad$ '
b)Add it
$1 \mathrm{~m} \quad 15 \mathrm{~cm}$
$+3 \mathrm{~m} \quad 14 \mathrm{~cm}$
Q. 6 Choose the better unit to the given things:

2-Marks
(i) Kushal measured a width of thumb nail in $\qquad$ ( m or cm )
(ii) length of sari measured in $\qquad$ ( m or cm )
Q. 7 Find out from Ruler.

2-Marks
a) How many centimetres are there in the given picture of ruler?

Ans: $\qquad$
b) 1 centimetre $=10$ millimetres

3 centimetres $=$ $\qquad$ millimetres


केन्द्रीय विद्यालय संगठन
KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION

GRADED WORKSHEET

CLASS : 3
Concept : Measurement
SUBJECT: MATHS
LEVEL: 2
Max. Marks : 10
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 How many erasers of 2 cm can be placed in 10 cm line? 1-Mark
 10 cm
Q. 2 Measure the pencil.

Ans: $\qquad$

Q. 3. How many mm are in 2 cm ?

1-Mark
a) 20 mm
b) 200 mm
c) 2000 mm
d) 2 mm

Ans $\qquad$
Q. 4 Choose the correct answer of 10 meter into centimeters.

1-Mark
a) 10 cm
b) 100 cm
c) 1000 cm
d) 1 cm
Q.5The table below shows the number of steps taken by 5 children to measure the width of a room. Who has the shortest step?

1-Mark

Ans: $\qquad$

| Name | Number of steps |
| :--- | :--- |
| Mahi | 9 |
| Ojasvi | 10 |
| Khushi | 8 |
| Karim | 7 |
| Manthan | 11 |



Ans: $\qquad$
Q. 7 The Length of 1 pencil $=10 \mathrm{~cm}$.

2-Marks

Then Find out

Length of table $=$ $\qquad$ cm

Width of table $=$ $\qquad$ cm

Q. 8 Convert the following centimeters into meters and centimeters:

2-Marks
( $1 \mathrm{~m}=100$ metres)
a) $5 \mathrm{~m}=$ $\qquad$ cm
b) $50 \mathrm{~m}=$ $\qquad$ cm

# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

CLASS : 3
SUBJECT: MATHS
LEVEL : 3
Max. Marks : 10
Concept : Measurement Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$ Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q. 1 Draw a shape which have 4 sides of 2 cm in length.
Q. 2 A tailor has 5 m of cloth. He used 3 m for stitching.

How much cloth is left with him?

Ans:

Q. 3 Do as directed.

2 marks
a) 10 cm less than $8 \mathrm{~m} \quad 40 \mathrm{~cm}$
b) 15 cm more than 4 m 15 cm $\qquad$

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| units |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

a) matchstick = $\qquad$ cm
b) How many matchsticks will be arranged on above scale?

Ans $\qquad$ Matchsticks
Q. 5 Pooja bought three ribbons to decorate her house. The green ribbon is 2 metre long and the blue ribbon is 50 cm long and yellow ribbon is 75 cm long.

2 marks
a) Which ribbon is the longest?

Ans: $\qquad$
b) What is the shortest ribbon's length?

Ans: $\qquad$

Q 6. Put appropriate sign $>$, < or $=$ in the boxes.
2 marks
(i) 32 m 76 cm . 48 m 90 cm
(ii) $12 m+22 m$ 28 m

KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION<br>GRADED WORKSHEET

CLASS : 3
Concept: Measurement
SUBJECT: MATHS
Max. Marks : 10 Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q.1.Write the length of the eraser.

2 marks


|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :---: | :---: |
| 0 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| units |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

a) Which eraser measure long? Ans $\qquad$ b) How much ? Ans $\qquad$
Q. 2 Shreya needs to make furniture for her home. She needs 2 m 600 cm of wood for the table and chair each. She needs 10 m of wood to make her bed. How much wood will she need in total?

2 marks Sol:
Q. 3 Shalu bought a cloth measuring 1 m 50 cm . Her sister took 80 cm of the cloth for herself. How much cloth is left for Shalu?

2 marks Sol:
Q. 4 Kushal is 125 units tall. His father is 182 units tall. How much taller is his father than Kushal?


2 marks
Q. 5 Measure the given distance

2 marks

a) Distance between Funny alphabets $A$ to $C$ $\qquad$
b) Distance between Funny alphabets $B$ to $D$ $\qquad$

## KENDRIYA VIDYALAYA SANGATHAN <br> AHMEDABAD REGION <br> GRADED WORKSHEET

CLASS : 3
Concept: Shapes

SUBJECT: MATHS
LEVEL: 1
Max. Marks : 10

Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q.1) a) Draw a straight line to make the following a closed figure.
i)

ii)

b) Identify following 2 dimensional shapes.
i)

ii)

c) Count the no. of sides in following figure:

Q.2) Do as directed.
A) Observe and identify the shape.


1 mark

Q.2) Write the name of the given shapes.

2 marks
a)

$\square$
c)

d)

Q.3) a) Count the triangles in the following figures.

b) Count and write the number of sides of the given shape.

|  | 11 | 12 | 1 |  |
| :--- | :--- | :--- | :--- | :--- |
| 10 |  |  | 1 | 2 |
| 9 |  |  | 3 |  |
| 8 | 7 | 2 | 4 |  |
|  | 7 | 6 | 5 |  |

Q.4) a. Identify the following shapes and write C for circle.

b. Identify the following shapes and write T for triangle.


# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

CLASS : 3
Concept: Shapes
SUBJECT: MATHS
LEVEL: 2
Max. Marks: 10
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$ Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q.1) Fill in the blanks:
i) A square has $\qquad$ sides.
ii) A rectangle is $\qquad$ shape.
iii) A pentagon has $\qquad$ sides.
Q.2) Fill in the blanks:
i) A hexagon has $\qquad$ sides.
ii) An oval is $\qquad$ shape.
iii) A cube has $\qquad$ faces.
Q.) How many triangles are there in following figure?

Q.6) How many circles are there in following figure?


## KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET

CLASS : 3
Concept: Shapes

SUBJECT: MATHS
LEVEL: 3
Max. Marks : 10

Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Fill in the blanks
Q.1) A heptagon has $\qquad$ sides.

1 mark
Q.2) A cuboid has $\qquad$ corners.

1 mark
Q.3) Observe the figure and answer the following questions:

2 marks
Name of the shape $=$ $\qquad$ Number of faces $=$ $\qquad$
Q.4) Observe the figure and answer the following questions:


2 marks


Name of the shape $=$ $\qquad$ Number of faces $=$ $\qquad$
Q.5) Join the dots and form the shapes.

Q.6) Color the picture of a crocodile made of shapes according to the given color code. All triangles colour brown, All circles green, all rectangles blue.


# KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION <br> GRADED WORKSHEET 

SUBJECT: MATHS
LEVEL: 4
Max. Marks: 10
Concept: Shapes
$\qquad$ Name of the KV Roll No. $\qquad$ Section: $\qquad$
Name of the Student: $\qquad$ Roll
$\qquad$
Q.1) Count the number of squares in chess board and also write the number of black squares.


Total no. of squares $=$ $\qquad$ white squares $=$ $\qquad$
Q.2) Count the number of circles in following design:

Q.3) If one shirt has 7 circular buttons then how many total number of buttons in 4 such shirts?

2 marks
Q.4) Observe the figure and answer the following questions:


Total no. of corners $=$ $\qquad$ Total no. of edges $=$ $\qquad$
Q.5) Observe the figure and answer the following questions:


Total no. of faces = $\qquad$ Total no. of corners $=$ $\qquad$
$\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1. Draw the hands of the clock.


Q2. Show following numbers 3,6,9 and 12 in the clock.

Q3. Fill in the blanks:
A. We eat dinner at $\qquad$ (morning/ night)
B. We go to school in the $\qquad$ (morning/ evening)

Q4. How long does it take?- Seconds/ Minutes
Takes To jump Takes minutes

Q5.Write the time in the given box.


Q6. Match the time:


## 7 o'clock



5 o'clock

Q7. Add:
1 mark
30 seconds
+30 seconds
$\qquad$ seconds
Q8. Subtract:
_ 90 minutes
30 minutes
$\qquad$ minutes
Q9. Mohit spent 30 minutes in getting ready for school and 20 minutes in eating breakfast. Find the total time taken by Mohit.

1 mark


30 minutes +
=Ans. $\qquad$


20 minutes

Q10. Radha watched cartoon for 35 minutes and then played outside for 60 minutes. Find the total time.


35 minutes


60 minutes
$=$ Ans.

KENDRIYA VIDYALAYA SANGATHAN AHMEDABAD REGION

GRADED WORKSHEET

CLASS : 3
Concept: Time
SUBJECT: MATHS
LEVEL: 2
Max. Marks : 10
Name of the KV : $\qquad$
Name of the Student : $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$
Q1. Name the hands of the clock:


Q2. Look at the clock.
1 mark
What time is it?


Ans. $\qquad$ o'clock

Q3. Show the time given below the clock:


Q4. Draw </>/ = in the box:
45 seconds $\square$ 45 minutes

60 seconds $\square$ 1 minute

Q5. Find the answer:
Add:
5 minutes 25 seconds
+9 minutes 30 seconds

Q6. Suraj takes 10 minutes 20 seconds to walk from school to home.

A. Yesterday while going back to home he stopped at the ice-cream shop for 5 minutes to buy the ice cream. How much time did Suraj take to reach home?

Ans.
B. Today Suraj was getting late so he took the bicycle reached school, 5 minutes earlier than usual. How much time did Suraj take to reach school?

Ans.

केन्द्रीय विद्यालय संगठन

CLASS : 3
Concept : Time
SUBJECT: MATHS
LEVEL: 3
Max. Marks : 10
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date: $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1. Look at the clocks:
1 mark
Write, the time in words.

$\qquad$ past $\qquad$
Q2. Show the time given below the clock:


Half past five


Half past twelve

Q3 A. Arrange the time in ascending order:
C.
D.

Q3 B. Arrange the time in descending order
6 minutes 19 seconds, 5 minutes, 58 seconds, 4 minutes 20 seconds
Ans. A.
B.
C.
D.

Q4 A. Write in columns and add:
48 minutes 15 seconds and 12 minutes 37 seconds
$\qquad$
$\qquad$

Q4 B. Write in columns and Subtract:
15 minutes 25 seconds and 37 minutes 39 seconds
$\qquad$

Q5. Radha, Sapna, Paras and Krupal participated in sack race. The following table shows the time taken by each of them to finish the race:

4 marks

| Name | Time taken to finish the <br> race |
| :--- | :--- |
| Radha | 4 minutes 23 seconds |
| Sapna | 5 minutes |
| Paras | 4 minutes 39 seconds |
| Krupal | 4 minutes 19 seconds |


A. Who is the winner?

Ans. $\qquad$
B. Who came second in the race? Ans. $\qquad$
C. Who finished last?

Ans. $\qquad$
D. What is the position of Paras after race? Ans.

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GRADED WORKSHEET

CLASS: 3
Concept: Time
SUBJECT: MATHS
LEVEL: 4
Max. Marks : 10
Name of the KV : $\qquad$
Name of the Student: $\qquad$ Roll No. $\qquad$ Section: $\qquad$
Date : $\qquad$ Marks Obtained: $\qquad$ Sign of Teacher $\qquad$

Q1. Use the clues to find the correct clock:
2 marks

A. I am between 3 o'clock and 6 o'clock.
B. I am later than 4 o'clock.
C. My minute hand points at 6 .

What time am I? $\qquad$

Q2.Below is the Flight chart at the airport for morning. Fill in the missing information and help the airport manager. Each flight departs after an hour of its arrival time.

2 marks

| Flight number | Arrival time |  | Departure time |  |
| :---: | :---: | :---: | :---: | :---: |
| A190F7 |  | 4 O'clock | $\left(\begin{array}{lll} 11^{11} & 1 & 2 \\ 9 & & 2 \\ 8 & & 3 \\ 8 & & 5 \end{array}\right.$ | 5 O'clock |
|  |  | ___O'clock |  | O'clock |
| A190F9 |  | $\qquad$ O'clock |  | O'clock |

Q3.Raja was helping his mother in making Laddoos. He makes three laddoos in five minutes.
He made 18 laddoos. How much time did he take?


Q4. Read the following details and complete the timeline:
4 marks
Monika went on a picnic with her family. She left home at 8 o'clock in the morning. They reached the park at half past eight in the morning. Then they ate breakfast. Monika started playing with his brother at 9 o'clock. After one hour, they went to the doll house. They took lunch after at half past twelve and then went home.

| EVENT | TIME |
| :---: | :---: |
| left home |  |
| reached park |  |
| went to doll house |  |
| took lunch |  |

