

केन्द्रीय विद्यालय संगठन, अहमदाबाद संभाग

**KENDRIYA VIDYALAYA SANGATHAN**  
AHMEDABAD REGION



सत्यं धर्मं अपावृणु  
केन्द्रीय विद्यालय संगठन

**GRADED WORKSHEETS**

**CLASS: V**

**SESSION: 2022-2023**



**Math**  
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**PRINCIPAL, K V NO.4 ONGC, VADODARA**

## 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
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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
1.	Ms. Aprajita	PRINCIPAL	K.V.NO.4 ONGC Vadodara
1.	Mr. Mahendra Dohare	HM	KV AFS Wadsar
2.	Mr. Rajeshkumar Gohil	PRT	K.V.NO.4 ONGC Vadodara
3.	Mr. Navin Vankar	PRT	KV AFS Makarpura Vadodara
4.	Ms. Vaishali Kapadiya	PRT	K.V.NO.4 ONGC Vadodara
5.	Ms. Lopa Priyadarshi	Comp. Instructor	K.V.NO.4 ONGC Vadodara
6	Ms. Hansa vaghela	PRT (Special Invitee)	K.V.NO.4 ONGC Vadodara

## Index

Sr. No.	Concept
1	Number System
2	Money
3	Shapes & Angles
4	Area
5	Fraction
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7	Highest Common Factor(HCF)



**KENDRIYA VIDYALAYA SANGATHAN**  
**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5 SUBJECT: MATHS**

**LEVEL: 1**

**Concept: Number System**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

**Q. 1 Write Number name for the following numbers:** 1 mark

A) 56,478: \_\_\_\_\_

B) 1,24,372: \_\_\_\_\_

**Q. 2 Write in numerals for the given number name:** 1 mark

A. Sixty-five thousand eight hundred sixty-nine: \_\_\_\_\_

B. Eight lakh thirty-two thousand seven hundred thirty-two: \_\_\_\_\_

**Q.3 Choose answer from the bracket and fill in the blanks.** 1 mark

a. 1 million = \_\_\_\_\_ lakhs (1, 10)

b. 1 \_\_\_\_\_ thousands = 1 lakh (ten, Hundred)

**Q. 4 Write the successor of the given number.** 1 mark

a. 1,20,000: \_\_\_\_\_

b. 3,21,099: \_\_\_\_\_

**Q.5 Encircle the smallest number** 1 mark

A) 87,654    89,675    98,675    87564

B) 2,76,887    2,67,788    2,67,877    2,67,787

**Q.6 Write the place value of underlined digit.** 1 mark

a) 64,345: \_\_\_\_\_

b) 3,49806: \_\_\_\_\_

**Q. 7 Write the following numbers in expanded form:** 1 mark

a. 68,746 = 60,000 + 8000 + 700 + 40 + 6

b. 2,34,378 = \_\_\_\_\_

**Q. 8 Make the greatest and the smallest number using all the given digits.** 1 mark

3,2,1,4,6,

Ans: The smallest number: \_\_\_\_\_

The greatest number: \_\_\_\_\_

**Q. 9 write in ascending order.** 1 mark

A) 67,456;    4,78,324;    76,694;    4,87,432

Ans: \_\_\_\_\_

**Q. 10 Write all the numbers between 99,998 and 1,00,002.**

Ans : \_\_\_\_\_



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**AHMEDABAD REGION**  
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**CLASS: 5**                      **SUBJECT: MATHS**

**LEVEL: 2**

**Concept: Number System**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

**Q. 1** Write Number name for the following numbers: 1 mark

A) 56,34,564: \_\_\_\_\_

B) 70,46,046: \_\_\_\_\_

**Q. 2** Write in numerals for the given number name: 1 mark

A) Forty-one lakh thirty-three thousand six hundred fifty-two: \_\_\_\_\_

B. Sixty-two lakh thirty thousand seven hundred forty-two: \_\_\_\_\_

**Q. 3** Write the Predecessor of the smallest 6-digit number. 1 mark

Ans: \_\_\_\_\_

**Q. 4** Write the successor of the greatest 6-digit number. 1 mark

Ans: \_\_\_\_\_

**Q.5** Write the face value and the place value of underlined digit. 1 mark

A) 23,64,745: \_\_\_\_\_

C) 34,49,806: \_\_\_\_\_

**Q.6** Write in descending order. 1 mark

78,67,456; 55,78,324; 90,88,694; 47,87,432

Ans: \_\_\_\_\_

**Q. 7** Write in short form: 2 marks

A) 1,00,000 + 20,000 + 6000 + 800 + 90 + 4

Ans: \_\_\_\_\_

B) 33,00,000 + 80,000 + 1000 + 800 + 7

Ans: \_\_\_\_\_

**Q. 8** Write all the odd numbers between 10,00,000 to 10,00,010 2 marks

Ans : \_\_\_\_\_



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**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 3**

**Concept: Number System**

**Max. Marks: 10**

**Name of the KV: \_\_\_\_\_**

**Name of the Student: \_\_\_\_\_**

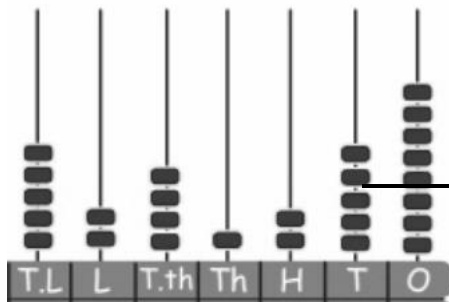
**Roll No. \_\_\_\_\_ Section: \_\_\_\_\_**

**Date: \_\_\_\_\_ Marks Obtained: \_\_\_\_\_**

**Sign of Teacher \_\_\_\_\_**

**Q. 1 Write the number and number name from the abacus:**

**2 marks**



Ans: Number: \_\_\_\_\_

Number name: \_\_\_\_\_

**Q. 2 Find the difference between place value of 7 and 2 in the 37,52,871**

Ans :

**2 marks**

**Q. 3 Counting by 5s, write the numbers from 1,45,600 to 1,45,625.**

**2 marks**

Ans:

**Q. 4 Match the column:**

**2 marks**

**Column I**

**Column II**

Greatest 4-digit number + 1

One lakh

Greatest 5-digit number + 1

Ten Lakh

Greatest 6-digit number + 1

One crore

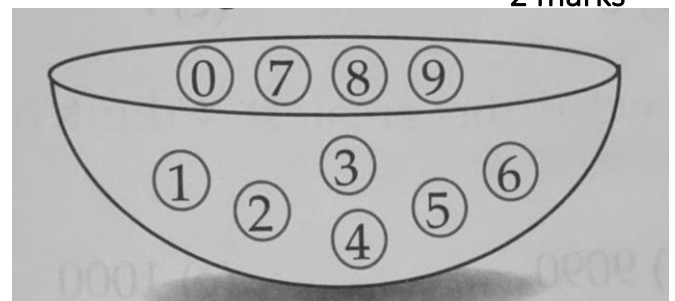
Greatest 7-digit number + 1

Ten Thousand

**Q. 5 Pick up seven digits from the bowl and make the smallest and the largest seven-digit number.**

**2 marks**

Ans:





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**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 4**

**Concept: Number System**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_

**Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Choose the correct option. (Each question carries 2 marks)

Q. 1 In which of the following numbers does the digit 1 have a place value of 10?

- a) Ten lakh seven thousand sixty
- b) Forty-two lakh six thousand four hundred nineteen
- c) Five lakh seventy thousand four hundred thirty-one
- d) forty lakhs seventeen thousand five

Q.2 (i) How many times would I be writing the digit 1 if I wrote down ALL THE EVEN NUMBERS from 300 to 900 once?

- a) 70
- b) 50
- c) 30
- d) 0

(ii) Which of the following has the least value?

- a) 5 hundred thousand
- b) 5 ten thousands
- c) 5 thousand
- d) 5 hundred

Q. 3 Which number is 1000 more than 7,23,907

- a) 8,23,907
- b) 7,33,907
- c) 7,24,907
- d) 7,24,007

Q. 4 51 hundred, 35 tens, and 4 ones are equal to

- a) 5,454
- b) 51,354
- c) 54,540
- d) 4554

Q. 5 P, Q, R and S are four 4-digit numbers, each having the digit 9 only once and in the place shown. None of the other digits are known. What can be said with certainty about P, Q, R and S?

a) S is the smallest of the 4 numbers.

b) Q is larger than R.

c) P is the largest of the 4 numbers.

d) S is the only odd number among the 4 numbers.

P	9			
Q		9		
R			9	
S				9





# KENDRIYA VIDYALAYA SANGATHAN

## AHMEDABAD REGION

### GRADED WORKSHEET



**CLASS: 5                      SUBJECT: MATHS**

**LEVEL: 1**

**Concept: Money**

**Max. Marks: 10**

**Name of the KV: \_\_\_\_\_**

**Name of the Student: \_\_\_\_\_**

**Roll No. \_\_\_\_\_ Section: \_\_\_\_\_**

**Date: \_\_\_\_\_ Marks Obtained: \_\_\_\_\_**

**Sign of Teacher \_\_\_\_\_**

1. Fill in the blank.

a. Rupee 1= .....paise 1 mark

b. 10 Rupees = .....paise 1 mark

2. How many notes will you get in change of following given notes.

(3 x 1 mark)



= \_\_\_\_\_ ×



= \_\_\_\_\_ ×



= \_\_\_\_\_ ×



3. Six notes of Rs. 100 = ..... 1 mark

4. Nine notes of Rs. 200 = ..... 1 mark

5. Select correct notes to complete it: 1 mark



Rs. 765 = Rs. 500 + Rs. .... + Rs. 50 + Rs. .... + Rs. 5

6. Do addition, if  = Rs. 70  =Rs. 20 1 mark

      = \_\_\_\_\_

7. Manvi has a ten-rupee coin, four fifty-paise coin and five one-rupee coin.

How much does she has in all?

1 mark



Total = Rs.....



# KENDRIYA VIDYALAYA SANGATHAN

## AHMEDABAD REGION

### GRADED WORKSHEET

**CLASS: 5****SUBJECT: MATHS****LEVEL: 2****Concept: Money****Max. Marks: 10****Name of the KV:** \_\_\_\_\_**Name of the Student:** \_\_\_\_\_**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_**Sign of Teacher** \_\_\_\_\_**Q. Fill in the blanks.**1. 85 Rupees = ..... paise 1 mark2. 100 Rupees = ..... paise 1 mark3. Half Rupee = ..... paise 1 mark4. 10 notes of  will be equal to \_\_\_\_\_ . 1 mark5. Fruit puzzle is given below. Find the price of each fruit. 2 marks

$$\begin{array}{ccccccc}
 \text{Grape} & + & \text{Grape} & + & \text{Grape} & = & 30 \\
 \text{Banana} & + & \text{Grape} & + & \text{Banana} & = & 40
 \end{array}$$

Grapes=.....

Bananas=.....

6. If you have denominations of Rs. 100, Rs. 50, Rs. 20 and Rs. 10. How many of each of these notes, you must give to the shopkeeper to buy toy? 2 marks

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Rs. 280

7. If you went for dinner at restaurant along with your family for your birthday celebration. And your father ordered one Shahi Paneer, one Mix Veg Curry and six Butter Naan for dinner from menu of the restaurant given below.

Prepare bill of items ordered by your father in the below given table. 2 marks

VEG MENU		
VEG		VEG RICE
Panner Tikka Masala	- 160/-	Jeera Rice - 50/-
Panner Butter Masala	- 70/-	Masala Rice - 60/-
Shahi Panner	- 120/-	Lemon Rice - 40/-
Kaju Paneer	- 140/-	Tomato Rice - 60/-
Special Kaju Masala	- 140/-	Gee Rice - 60/-
Malai Kupta	- 80/-	Veg Pulow - 60/-
Palak Paneer	- 55/-	
Mix Veg Curry	- 40/-	ROTI
Alu Gobi Masala	- 60/-	Butter Naan - 20/-
Channa Masala	- 60/-	Plain Naan - 15/-
		Butter Roti - 15/-

Sr. No.	Name of Items	Quantity	Rate	Amount
		<b>Total</b>		



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**CLASS: 5                      SUBJECT: MATHS**

**LEVEL: 3**  
**Max. Marks: 10**

**Concept: Money**  
**Name of the KV: \_\_\_\_\_**

**Name of the Student: \_\_\_\_\_**

**Roll No. \_\_\_\_\_ Section: \_\_\_\_\_**

**Date: \_\_\_\_\_ Marks Obtained: \_\_\_\_\_**

**Sign of Teacher \_\_\_\_\_**

Fill in the blanks

1. Rs. 850 =..... paise 1 mark

2.  $\frac{1}{2}$  of Rs. 5 =..... paise 1 mark

3. 20 notes of  and 25 coins of  =Rs .....

2 marks

4. Mother sends you to the market to buy fruits and vegetables. Sonal Mini Market offers these different types of fruits and vegetables. (3 x 2 marks)



Oranges

Rs. 50 per kg



Bananas

Rs. 30 per kg



Potatoes

Rs. 20 per kg



Onions

Rs. 40 per kg

a. What will be the cost of  $2\frac{1}{2}$  kg Banana? \_\_\_\_\_

b. Calculate the price of  $1\frac{1}{4}$  kg onions? \_\_\_\_\_

c. What will be total amount, if you buy half kg each fruits and one kg each vegetables from above mentioned list?

\_\_\_\_\_



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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 4**

**Concept: Money**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q1. Following items are available in Ramesh Sports shop at the rate given below.

(3 x 2 marks)

			
<b>Basketball</b> Rs. 399	<b>Skateboard</b> Rs. 489	<b>Bowling Pin</b> Rs. 297	<b>Chess</b> Rs. 200

a. If one Basketball costs Rs. 399, what will be the cost of five Basketball?

b. If Anika has Rs. 1200, she wants to buy skateboards. How many skateboards can she buy with the money and how much money will be left with her?

c. Sunil is going to buy sports item from Ramesh Sports Shop. He has a budget of Rs. 3000. What will be total amount of given shopping list? Is budget is sufficient to buy all things given in shopping list?

**Shopping list**

**4 Basketball**

**1 Skateboard**

**2 Bowling pin**

**2 Chess**

Q 2. Mr. Ketan bought 4 shirts from this shop. How much does he have to pay?  
2 marks



Q3. How much money will you need to buy 12 mugs like the ones shown in the picture?  
2 marks





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**CLASS: 5**                      **SUBJECT: MATHS**

**Concept: Shapes and Angles**

**LEVEL: 1**  
**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Fill in the blanks

2 marks



a) A \_\_\_\_\_ has \_\_\_\_\_ edges.



b) A \_\_\_\_\_ has corners.

c) A eraser has \_\_\_\_\_ vertices.

d) A eraser has \_\_\_\_\_ faces.

Q.2 Do as per directed

4 marks

a. The common end point where two rays meet is called an \_\_\_\_\_

b. An angle can be measured by \_\_\_\_\_.

c. An angle has \_\_\_\_\_ arms.

d. An angle whose measures is less than 90 degrees is called \_\_\_\_\_.

Q.6) An angle whose measures is less than 90 degrees is called \_\_\_\_\_.

Q.7) Add  $130^\circ$  and  $45^\circ$

2 marks

Q.8) Subtract  $90^\circ$  from  $120^\circ$

2 marks





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**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 2**

**Concept: Shapes and Angles**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Fill in the blanks

1. Double of  $60^\circ$  angle = \_\_\_\_\_ 1 mark
2.  $\frac{1}{2}$  of straight angle = \_\_\_\_\_ 1 mark
3. Count number of acute angle in 'KVIAN' \_\_\_\_\_ 1 mark
4. Straight angle = \_\_\_\_\_ X right angle 1 mark
5.  $\frac{1}{10}$ <sup>th</sup> of right angle = \_\_\_\_\_ 1 mark
6. An angle whose measures is more than 90 degrees is called \_\_\_\_\_ . 1 mark
7. Construct an angle of  $75^\circ$  2 marks
8. Mahesh draws an angle measures  $150^\circ$ . He now divides the angle into 3 equal parts. What is the measures of each angle? 2 marks



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**GRADED WORKSHEET**



**CLASS: 5**                      **SUBJECT: MATHS**

**LEVEL: 3**

**Concept: Shapes and Angles**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

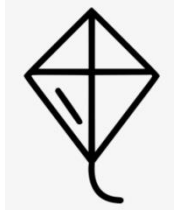
**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Fill in the blanks

1. How many corners a football have? \_\_\_\_\_ 1 mark
2. 4 times of right angle = \_\_\_\_\_. 1 mark
3.  $\frac{1}{4}$  of straight angle +  $\frac{1}{2}$  of \_\_\_\_\_ = Right angle 2 marks
4. Observe the picture and answer the following questions: 2 marks



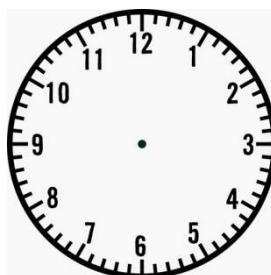
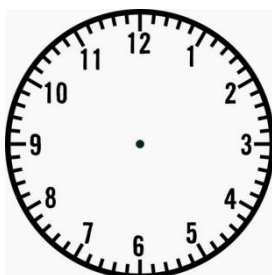
No. Of acute angle = \_\_\_\_\_

No. Of right angle = \_\_\_\_\_

5. Identify the angles as acute angle, right angle and obtuse angle. 2 marks

a)  $75^\circ =$  \_\_\_\_\_      b)  $165^\circ =$  \_\_\_\_\_

6. Draw hands of clock in given clock which shows right angle and obtuse angle and also write the time. 2 marks



Angle: \_\_\_\_\_

Time: \_\_\_\_\_

Angle: \_\_\_\_\_

Time: \_\_\_\_\_



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**CLASS: 5**                      **SUBJECT: MATHS**

**Concept: Shapes and Angles**

**LEVEL: 4**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

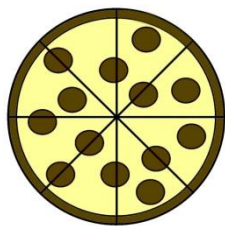
**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Each question carries 2 marks.

Q 1. Yug bought a margarita pizza and he divided the pizza in to 8 equal parts. What is the measurement of an angle of each pizza slice?



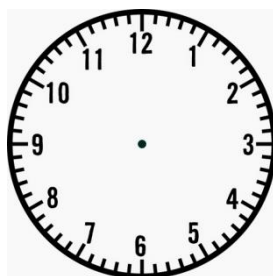
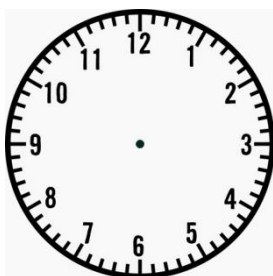
Q2. Find out number of acute, obtuse and right angle in following yoga pose?



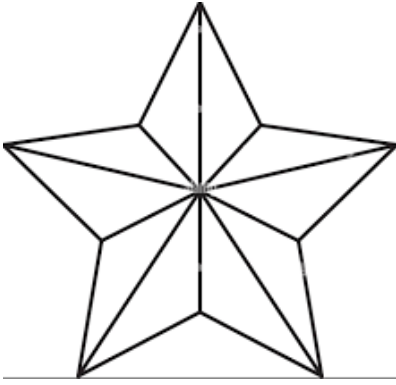
Q3. Draw the hands of the clock which shows the following time and angle:

A) 20:15 hrs

b) 5: 35 pm



Q4. Observe the following shape and count the number of acute and obtuse angles.



No. of acute angles: \_\_\_\_\_ No. Of obtuse angle = \_\_\_\_\_

Q5. Count the number of right angles and acute angles in

**I LIKE MATH**

No. Of right angle = \_\_\_\_\_,

No. Of obtuse angle = \_\_\_\_\_



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**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 1**

**Concept: Area**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Fill in the blanks:

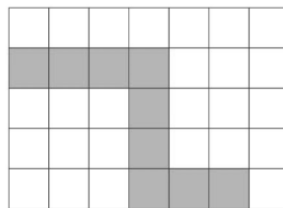
a) The surface covered by any closed shape is called it's \_\_\_\_\_. 1 mark

b) Count the number of squares covered by the stamp \_\_\_\_\_. 1 mark

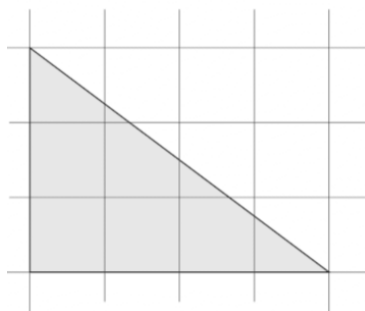


c) Unit for measuring area is \_\_\_\_\_. 1 mark

Q.2) What is the area of given coloured shape? 1 mark

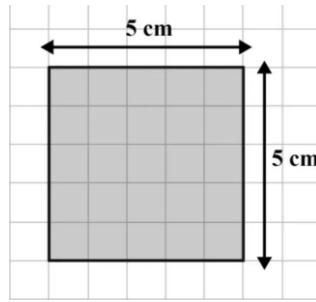




Q3. What is the area of given triangle? 1 mark

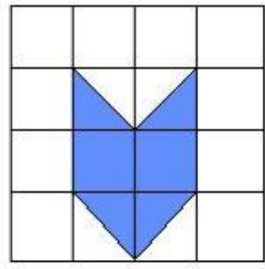


Q.4) Find the area of square.

1 mark

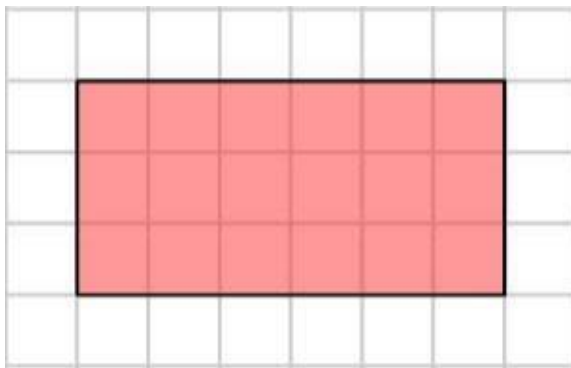


Q.5) If  = 1 sq.unit and  =  $\frac{1}{2}$  sq.unit, then calculate the area of the given coloured figure. 2 marks



Q. 6) What are the dimensions of the given rectangle?

2 marks



Length= \_\_\_\_\_

Width= \_\_\_\_\_



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**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 2**

**Concept: Area**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

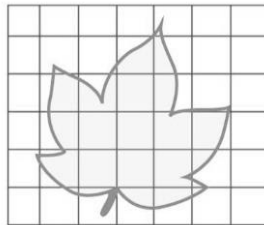
**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

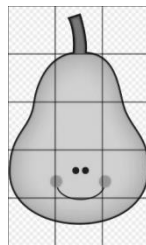
**Sign of Teacher** \_\_\_\_\_

Q,1) Do as directed:

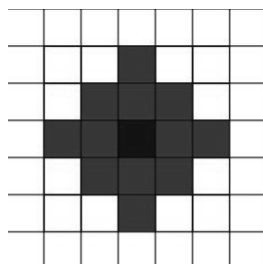
- a) How many complete squares does the leaf covers? \_\_\_\_\_. 1 mark



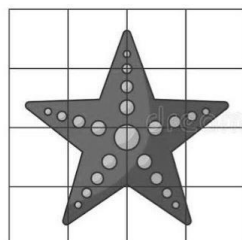
- b) What area is covered by the pear? \_\_\_\_\_sq. Units. 1mark



- c) Count the shaded squares and calculate the area of the given figure. \_\_\_\_\_sq. units. 1 mark

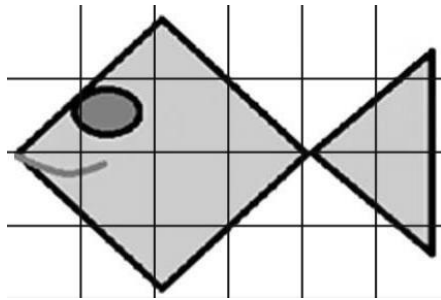


- d) Calculate the area of the star. \_\_\_\_\_ 1 mark



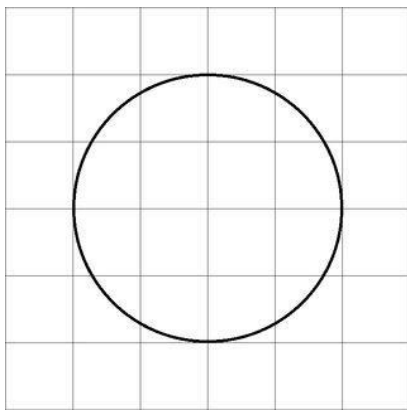
e) Sahil draw a fish on square grid paper. What area is covered by the fish? \_\_\_\_\_

1 mark



f) A class 5 student started learning drawing with the help of rounder. He draws a circle using rounder. How many squares does he covered? \_\_\_\_\_.

1 mark

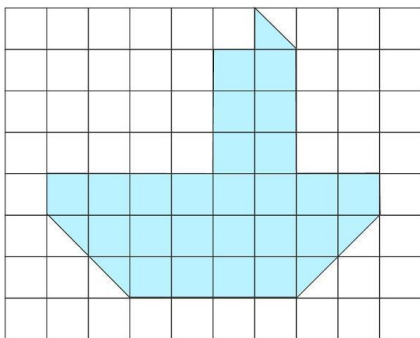


Q.2) Draw a rectangle whose length is 6 cm and width is 4 cm and also find the area in square cm.

2 marks

Q.3. Calculate the area of the shape.

2 marks







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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 3**

**Concept: Area**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

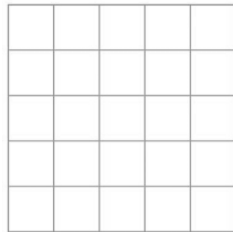
**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

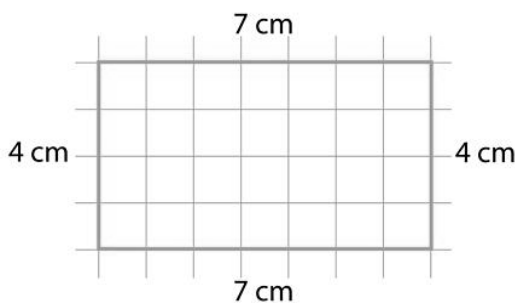
**Sign of Teacher** \_\_\_\_\_

Q.1) Do as directed:

a) If one side of a square is 5 cm, what will be its area? \_\_\_\_\_ 1 mark



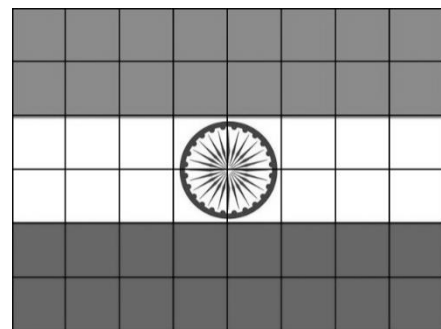
b) Calculate the area of the rectangle. \_\_\_\_\_ 1 mark



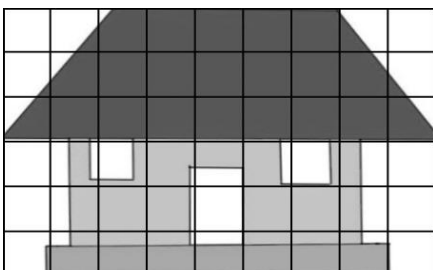
Q.2) Hina draws National flag on a square grid paper. Calculate the area of the Orange and green portion of flag. 2 marks

Orange portion \_\_\_\_\_ . Sq.cm

Green portion \_\_\_\_\_ .sq.cm



Q.3) Karnav pasted a drawing of house on square grid. Calculate the area. \_\_\_\_\_ 2 marks



Q.4) A rectangular cake was cut on Rita's birthday. It was cut into different squares for equal distribution among her friends. Count the number of squares and calculate boundary of the cake.  
2 marks

No. of squares: \_\_\_\_\_

boundary: \_\_\_\_\_



Q.5) A part of one side of a wall of art room needed to be painted. Calculate the area of the wall that need to be painted, if the side of one square is 1 cm.  
2 marks





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**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 4**

**Concept: Area**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

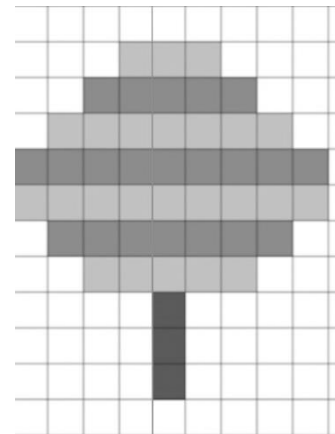
**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Each Question carry 2 marks.

Q.1. Calculate the area of the shaded part of the tree.

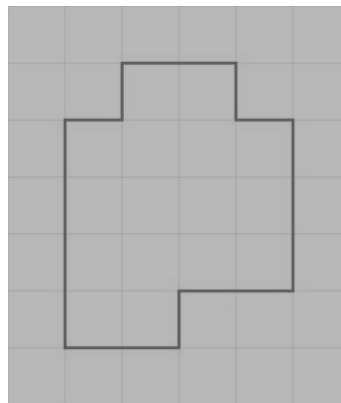
\_\_\_\_\_



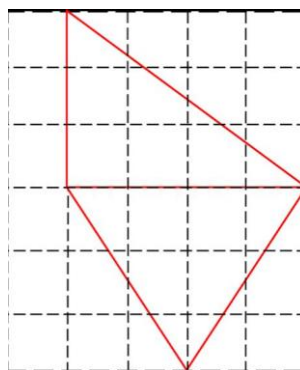
Q.2. How many rectangles can be formed in the given shape? Calculate the total area of the figure.

No. of rectangles: \_\_\_\_\_

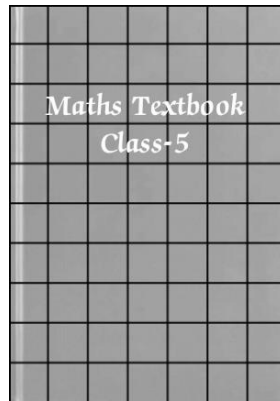
Area: \_\_\_\_\_



Q.3. Calculate the area of triangles and also find the total area of the shape this formed.



Q.4. Rohan covered his book with square grid paper. Calculate the area of the front cover of the book.

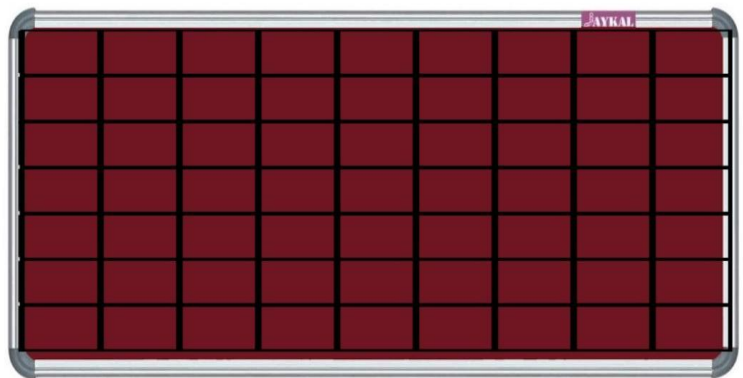


Q.5. Ms. Priyanka wants to cover the display board with chart paper which measurement is 35 cm x 15 cm. She asked the students to use transparent square grid sheets to calculate the area.

Ans.

How many charts of size 7cm x 3cm will be required to cover the display board?

Ans:





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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 1**

**Concept: Fraction**

**Max. Marks: 10**

**Name of the KV: \_\_\_\_\_**

**Name of the Student: \_\_\_\_\_**

**Roll No. \_\_\_\_\_ Section: \_\_\_\_\_**

**Date: \_\_\_\_\_ Marks Obtained: \_\_\_\_\_**

**Sign of Teacher \_\_\_\_\_**

Q.1) Do as directed:

a) Divide the burger into 2 equal parts.

1 mark



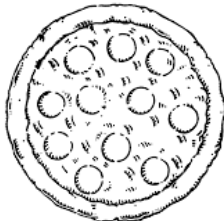
b) Divide the pizza in to 4 equal parts.

1 mark



c) Divide the pizza in to 3 equal parts.

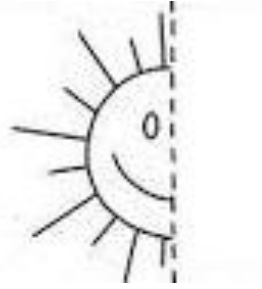
1 mark



Q.2) Do as directed.

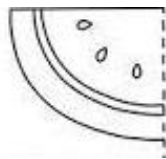
a) Make the other half of the given picture.

1 mark



b) Make the other three-fourth of the given picture.

1 mark



c) 1 metre = \_\_\_\_\_ cm

1 mark

Half a metre = \_\_\_\_\_ cm.

Q.3) There are 32 students in a class. Half of them are girls. Find the number of boys in the class.

2 marks

Q.4) There are 20 bananas. A quarter of them are green. Find the number of green bananas.

2 marks



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**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 2**

**Concept: Fraction**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

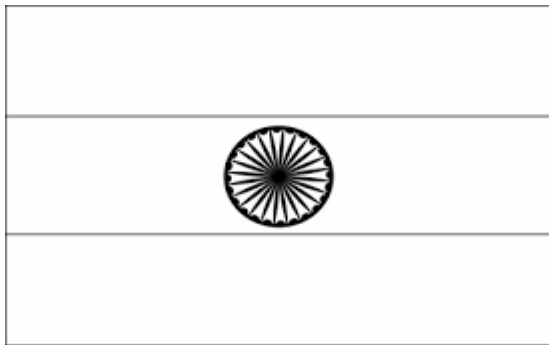
**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Colour the Indian National Flag and answer the following from the given picture. 3 marks



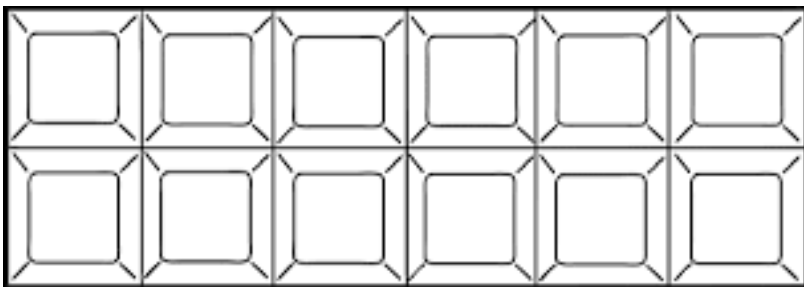
Our National Flag is divided into \_\_\_\_\_ equal parts.

1) The top one-third of our flag is \_\_\_\_\_ colour.

2) The bottom one-third of our flag is \_\_\_\_\_ colour.

Q.2) Manav had a chocolate and he gave the chocolate pieces to his friend like....

3 marks



a. Give  $\frac{1}{2}$  of the chocolate to Sanjay. How many pieces of chocolate did Sanjay get?

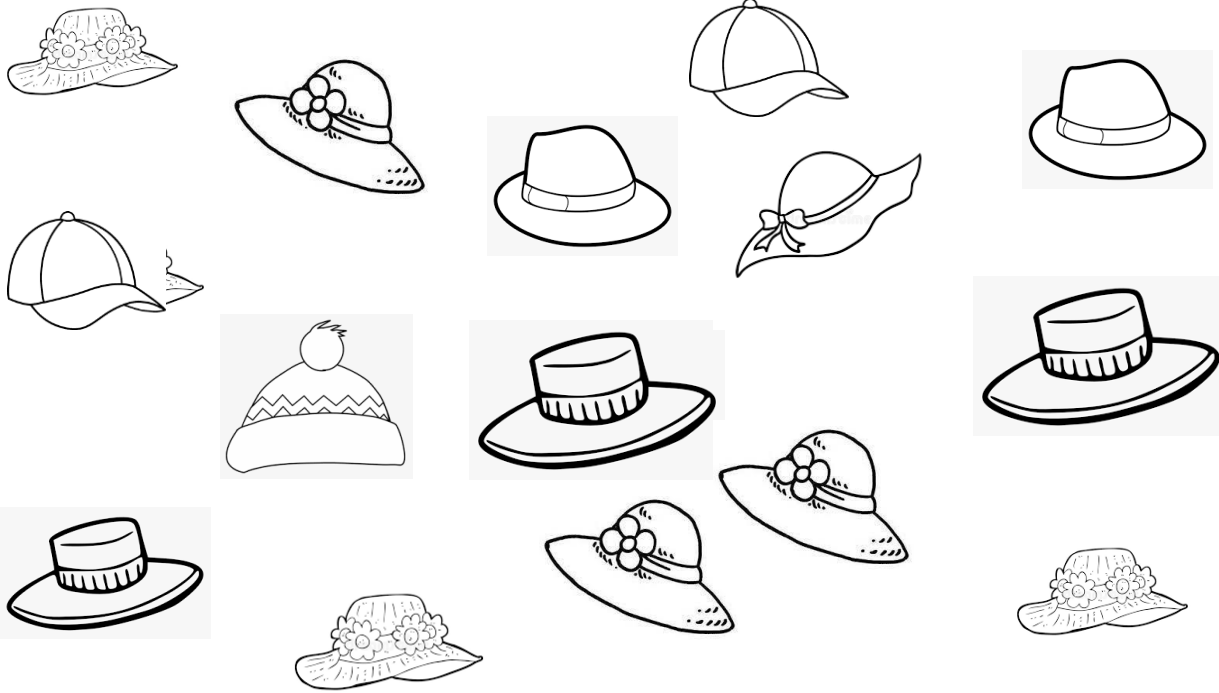
b. Give one-third of the to Manisha. How many pieces of chocolate did Manisha get?

c. How many chocolate pieces are left with Manav?

Q.3) Do as directed.

1) Count the hats.

2 marks



- a) Colour  $\frac{1}{3}$  of the hats orange.
- b) Colour three-fifth of the hats blue.
- c) How many hats did you colour orange? \_\_\_\_\_
- d) What part of the hats are not coloured? \_\_\_\_\_

Q.4) Mahesh poured 1 litre of orange juice into two bottles so that the first bottle holds  $\frac{3}{4}$  litre and the other hold  $\frac{1}{4}$  litre.

2 marks



- 1) Shade the level of orange juice in each bottle.
- 2) How many milliliters of orange juiced does each bottle hold?





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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 3**

**Concept: Fraction**

**Max. Marks: 10**

**Name of the KV: \_\_\_\_\_**

**Name of the Student: \_\_\_\_\_**

**Roll No. \_\_\_\_\_ Section: \_\_\_\_\_**

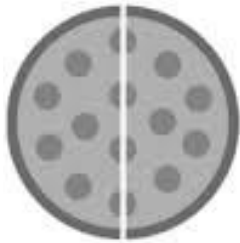
**Date: \_\_\_\_\_ Marks Obtained: \_\_\_\_\_**

**Sign of Teacher \_\_\_\_\_**

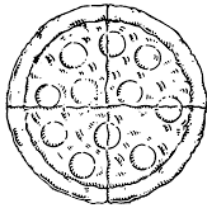
**Q.1) Fun with pizza.**

**2 marks**

a) The pizza is divided into \_\_\_\_\_ equal parts.



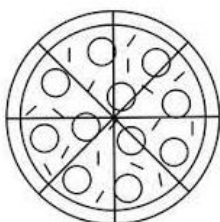
b) The pizza is divided into \_\_\_\_\_ equal parts.



c) The pizza is divided into \_\_\_\_\_ equal parts.

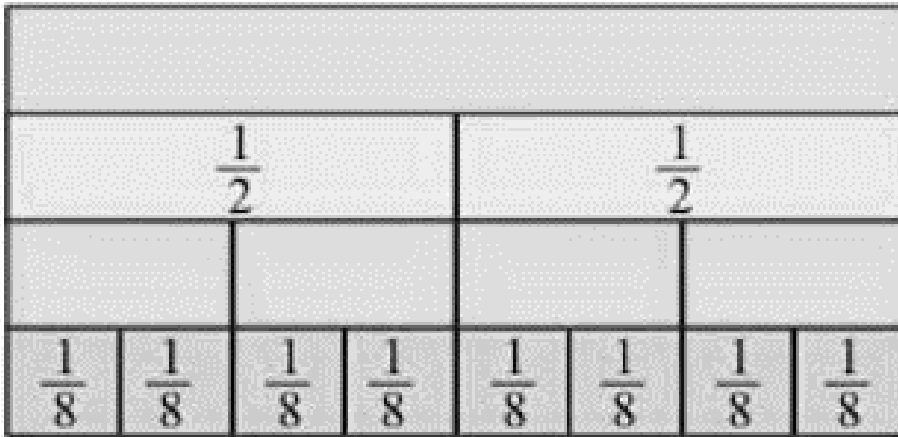


a) The pizza is divided into \_\_\_\_\_ equal parts.



Q.2) Parts of the strip.

2 marks



- How many one-fourths will make a half? \_\_\_\_\_
- How many one-eighth will make  $\frac{1}{4}$ ? \_\_\_\_\_
- How many  $\frac{1}{8}$  are in  $\frac{1}{4}$ ? \_\_\_\_\_
- How many  $\frac{1}{8}$  are in  $\frac{1}{2}$ ? \_\_\_\_\_

Q.3) Solve these from the given table.

2 marks

Item	Price in Rs (per kg)
Tomato	12
Mango	25

1) How much does 4 kg tomato cost?

2) Sushila wants to buy two and half kg mangoes. How much will it cost?

Q.4) Solve:

2 marks

- $\frac{2}{3}$  of 90 = \_\_\_\_\_
- $\frac{4}{5}$  of 60 = \_\_\_\_\_

Q.5) A rope is 100 m long. How many pieces, measuring  $\frac{1}{4}$  m can be cut from it? 2 marks



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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 4**

**Concept: Fraction**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Sagar and Vijay took 39 minutes to reach school. If they walked for  $\frac{1}{3}$  of the time and went by bus for the remaining time. How many minutes did they spend in the bus?

2 marks

Q.2) Sanjana's birthday cake was cut into 16 equal slices. After party,  $\frac{1}{4}$  of the cake was left. How many slices were left?

2 marks

Q.3) Pushpa took a book to read which had 180 pages. However, he read only one third of the book. Find out how many pages were still unread?

2 marks

Q.4) Drashti played for a total of 60 minutes. She spent one fifth of the time playing chess and the rest of the time playing a video game. How many minutes did Drashti play the video game?

2 marks

Q.5) In the month of April, Sanvi was out of the town for two-fifths of the days. For how many days was Sanvi in the town?

2 marks



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**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 1**

**Concept: LCM**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Each question carry 1 mark

Q.1 In the statement  $7 \times 4 = 28$ , 7 and 4 are the multiple of \_\_\_\_\_.

Q.2 The next four numbers in the chain are 3, 6, 9, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_.

Q.3 Every number is a multiple of \_\_\_\_\_.

Q.4 All multiples of 2 are called \_\_\_\_\_ number.

Q.5 40 is multiple of \_\_\_\_\_ and 5

Q.6 5<sup>th</sup> multiple of 12 is \_\_\_\_\_

Q.7 Write the first 4 multiples of the following numbers.

a) 7, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

Q.8 Write one common multiple of 6 and 9 \_\_\_\_\_

Q.9  $3 \times 12 = 36$ , so 36 is a multiple of \_\_\_\_\_ and \_\_\_\_\_

10.  $5 \times 4 \times 11 = 220$ , so 220 is a multiple of \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_



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**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 2**

**Concept: LCM**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1 The multiples of 12 in between 50 and 120 are \_\_\_\_\_.

1 mark

Q.2 Every number is multiple of \_\_\_\_\_ and \_\_\_\_\_

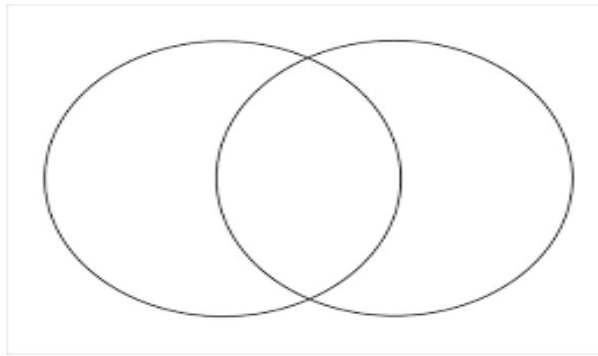
1 mark

Q.3 All multiples of a number are either \_\_\_\_\_ to the number \_\_\_\_\_ than  
given Number

1 mark

Q.4 Find the two common multiple of 3 and 4 \_\_\_\_\_

1 mark



Q.5 LCM of 3 and 2 is \_\_\_\_\_

1 mark

Q.6 Smallest common multiple of 4, 6 and 5 is \_\_\_\_\_

1 mark

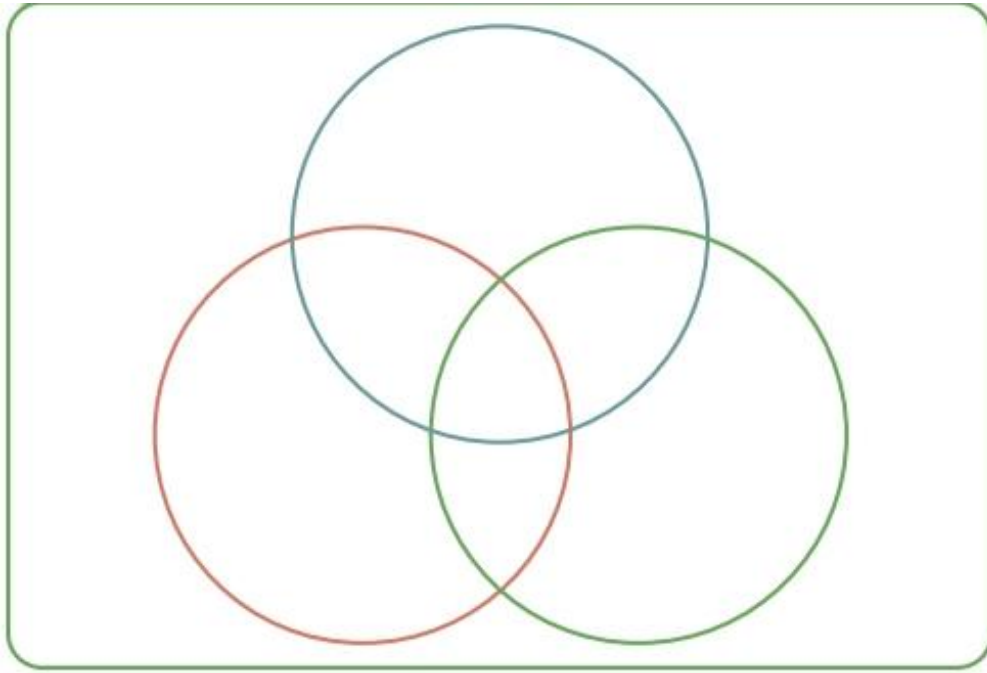
Q.7 Observe the table and Mark with red dot multiples of 2, multiples of 3 in **BLUE** and 6  
multiples in **GREEN**.

2 marks

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30

Q.8 Fill the diagram by finding common multiples of 2,3 and 5 \_\_\_\_\_

2 marks





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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 3**

**Concept: LCM**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1 Colour the pair of numbers in which the second number is multiple of first

- a) 7, 39    b) 11, 99    c) 13, 72    d) 25, 175

1 mark

Q.2 3<sup>rd</sup> and 5<sup>th</sup> common multiple of 3 and 4 \_\_\_\_\_

1 mark

Q.3 Find the LCM of the given numbers using prime factorization method 36 and 54

2 marks

Q.4 Find the LCM of 18,12 and 15

2 marks

Q.5 Find the lowest number which is exactly divisible by 18 and 24.

2 marks

Q.6 Find the lowest number which is more by 6 to be divided by 25,40 and 60 exactly.

2 marks



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**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 4**

**Concept: LCM**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Each question carries 2 mark

Q.1 Find the LCM of 12, 36 and 24

2 marks

Q.2 Find the lowest number which leaves 3 as remainder when divided by 8, 12 and 16.

2 marks

Q.3 Find the least number which is divisible exactly by the number 6, 9 and 12. 2 marks

Q.4 Find the lowest number which is exactly divisible by 18 and 24.

2 marks

Q.5 A shopkeeper sells candles in packets of 12 and candle stands in a packet of 8 .

What is the least number of candles and candle stands Nita should buy so that there will be one candle for each candle stand.

2 marks





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**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 1**

**Concept: HCF**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Fill in the blanks:

3 marks

- a) \_\_\_\_\_ is a factor of every number.
- b) Are all prime numbers odd? YES /NO \_\_\_\_\_.
- c) Numbers which have more than two factors are called \_\_\_\_\_.

Q.2) Do as directed:

3 marks

- a) Numbers which have only two factors are called \_\_\_\_\_.
- b) Encircle the composite numbers?  
37 12 19 47 66 13 41
- c)  $63 \div 9 = 7$ , so \_\_\_\_\_ and \_\_\_\_\_ are factors of 63.

Q.3) Find the factors of: 16 and 20

2 marks

Q.4) Find the common factors of: 12 and 18

2 marks



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**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 2**

**Concept: HCF**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) fill in the blanks:

3 marks

a. Every prime number has \_\_\_\_\_ factors.

b. 1 is neither \_\_\_\_\_ nor \_\_\_\_\_

c. Two consecutive prime numbers are \_\_\_\_\_ and \_\_\_\_\_

Q.2) Do as directed:

3 marks

a. Write all the factors of 18 \_\_\_\_\_

b. Write the prime numbers between 18 and 33  
\_\_\_\_\_

c. The factors of 12 are 1, 2, 3, 4, 6 and X. What is X? \_\_\_\_\_.

Q.3) Write the prime factorization by drawing the factor tree of 32

2 marks

Q.4) Write the prime factorization using division method of 48

2 marks



**KENDRIYA VIDYALAYA SANGATHAN**  
**AHMEDABAD REGION**  
**GRADED WORKSHEET**



**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 3**

**Concept: HCF**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Answer the questions in the table

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30

- a) Mark with the red dot on all prime number 1 mark  
b) Mark all the composite number with green. 1 mark

Q.2) Find common factors of the following number. 2 marks  
10, 15, 45.

Q.3) Find the HCF of the following numbers, using prime factorization 2 marks  
40 and 56

Q.4) Which is the greatest number that divides 24 and 36 exactly? 2 marks

Q.5) Make factor tree of: 56 2 marks



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**CLASS: 5**

**SUBJECT: MATHS**

**LEVEL: 4**

**Concept: HCF**

**Max. Marks: 10**

**Name of the KV:** \_\_\_\_\_

**Name of the Student:** \_\_\_\_\_

**Roll No.** \_\_\_\_\_ **Section:** \_\_\_\_\_

**Date:** \_\_\_\_\_ **Marks Obtained:** \_\_\_\_\_

**Sign of Teacher** \_\_\_\_\_

Q.1) Two wires are 12m and 16m long. The wires are to be cut into pieces of equal length. Find the maximum length of each piece. 2 marks

Q.2) Find the greatest number that divide 90 and 126 exactly. 2 marks

Q.3) A florist wants to arrange 24 bouquets of flower in different rows. Find out in how many ways he can arrange the bouquets with the same number in each row. 2 marks

Q.4) Maniram , a milkman has four cans of milk each containing 28L, 42L, 56L, and 63L. Find the capacity of the largest container which can measure the milk in exact number of time. 2 marks

Q.5) Two clothes of length 16m and 24m are to be cut into small pieces of equal lengths. What will be the maximum length of each piece? 2 marks