HALF-YEARLY – WORKSHEET 1

CLASS: V   **MATHEMATICS**

MORE ABOUT DECIMALS

I   FILL UP THE BLANKS

1. $2.3 \times 9 =$____.

2. $0.0275 \times 1000 =$_____.

3. When dividing by 100, the decimal point moves _____ places to the _____.

4. Multiplying by 1000 moves the decimal point _____ places to the right.

II   ANSWER THE FOLLOWING

1. Find $138.96 \div 12$

2. Multiply: 0.007×8

3. The quantity of 8 kg of rice costs ₹202.00. Find the cost of 5 kg rice.

4. Find: 9×5.3

III   ANSWER THE FOLLOWING

1. Divide 96.678 by18.

2. Express the following as decimals: 371 rupees 45 paise.

3. A snacks box of 3 biscuits costs ₹44.50. How much will 10 biscuits cost?

4. Divide: a. $865 \div 100$ b. $76 \div 1000$

IV   ANSWER THE FOLLOWING

1. Mr Krishnan is having 5 kg peanuts. It costs ₹86.50. How much will 2 kg cost?

2. Divide until the remainder is zero: 7.44 ÷ 4.

3. The total weight of 7 identical sliver rings is 40.5 kg. What is the weight of each ring?

4. Mrs kalaivani had bought 3.5 kg of sugar. She puts the sugar equally into 2 jars. How much sugar did she put in each jar?

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HALF-YEARLY – WORKSHEET 2

CLASS:V   **MATHEMATICS**

MEASUREMENTS

I   FILL IN THE BLANKS

1. A pile of 100 ₹5 coins is 150 mm. Height of one coin is _____mm thick.

2. 2 litre 400 *ml* ×3 = _____.

3. 0.6 litre =_____ *ml*.

4. 80 cm =_____ mm.

5. Metre is a basic unit of _____.

II   ANSWER THE FOLLOWING QUESTIONS

1. Joe weighs about 4 kg. How much is his weight in g?

2. Convert the following:

     a. 360 g = _____ kg   b. 18.40 *ml* =_____ litres

3. Find:

     a. Add 10 km 525 m and 15 km 895m   b. Subtract 11 *l* 853 *ml* from 44 *l* 92 *ml*.

4. A grasshopper can go 22 cm in one hop. How many metres would it have gone in 75 hops?

5. Jessica is measuring two line segments. The first line segment is 30 cm long. The second segment is 500 mm long. How long are the two line segments together?

III   ANSWER THE FOLLOWING QUESTIONS

1. A family consumes 32 kg 250 g of wheat and 18 kg 600 g of rice in a month. Find the difference in consumption of wheat and rice.

2. What is the length of the cloth required for 12 shirts, if the shirts require 2 m 25 cm?

3. A parker pen can be filled 80 times from a bottle containing 1 litre of ink. How much ink can be filled in the parker pen at one time?

4. Subtract:

     a. 42 cm 8mm from 78 cm 3mm   b. 26 kg 432 g from 51 kg 307 g

5. A flask contains 250 *ml* of acid. How many litres of acid is there in 20 such flasks?

IV   ANSWER THE FOLLOWING QUESTIONS

1. A pipe is 8 m 65 cm long. What is the total length of 20 such pipes?

2. Marie's garden box is 12 inches wide. April's garden box is 15 inches wide. How wide are their garden boxes together?

3. 350 grams of rice is required for one day meal in our house. I bought 5 kilograms of rice. How long will it last?

4. Radha was going to Agra, 200 km away from her town. She covered 175 km 212 m by train, 19 km by bus and the rest on foot. Find the distance she covered on foot.

5. There were two earthenware pots kept on the stage. One weighed 980 g and the other weighed 1 kg 200 g. How heavy were both the pots together?

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CLASS: V   **MATHEMATICS**

DECIMALS

I   **FILL UP THE BLANKS**

1. $\dfrac{17}{20}$ = _____.

2. 5.2 + 3.67 = _____.

3. Zero point five = _____.

4. The place value of 6 in 5.26 is _____.

5. 0.8 × 100 is equal to ____.

II   **ANSWER THE FOLLOWING**

1. What should be added to 4.1 to get 20?

2. Write in the short form of 200 + 50 + 3 + $\dfrac{8}{10}$.

3. Rewrite in the descending order: 3.9, 3.09, 3.91, 3.019.

4. Ankush purchased a book for Rs. 45.50 and a note book for Rs. 26.25. How much many did Ankush spend in all?

5. What part of a metre expressed in decimals is 5 cm?

III   **ANSWER THE FOLLOWING**

1. For the number 197.46, write the digit in the place:

   a) tens place   b) tenths place   c) hundredths place

2. In a cricket match competition team X secured 64.5 points and Y secured 75 points. Which team won the match?

3. Thanuj has travelled 62.5 km so far. How much farther does he have to ride to reach 100 km?

4. Julica cut a string 8.46 m long into 6 equal pieces. What is length of each piece of string?

5. Find the date:

   a) 20 days after 24th September   b) 15 days before 10 June

IV   ANSWER THE FOLLOWING

1. Apoorva went on a trek with his family to Bandipur National park in Karanataka. They walked 4.37 km in the morning and 3.8 km in afternoon. How far did they walk?

2. Jackie has $\frac{1}{3}$ of a Hershey bar. Steven has $\frac{4}{12}$ of a Hershey bar. How much do they have together?

3. The thickness of one book is 4.8 cm. The thickness of another book is 4.03 cm. What is the thickness of two books together when placed one on the top of the other?

4. A box of cheese cubes costs Rs.22.50. What will be the cost of 20 cheese cubes?

5. The table below gives the names of the top runners of a 1000 metres race. Who came first? Who came last? List the names in order, beginning with the person who came first.

Name	1000 m race timing
Ranju	30.52 seconds
Arun	30.5 seconds
Dharun	30.25 seconds
Krish	30.05 seconds

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HALF-YEARLY – WORKSHEET 4

CLASS: V   **MATHEMATICS**

TIME AND TEMPERATURE

I   FILL UP THE BLANKS

1.   4 h 20 min = _____.

2. 5 : 30 P.M is written as _____ in the 24 hours clock.

3. Starting date + Duration = _____.

4. Water freezes at ____° C.

5. 5 min 30 s + 5 min 30 s = _____.

II   ANSWER THE FOLLOWING

1. A television programme had 13 minutes of advertisement in it. How many seconds was the advertisement for?

2. 1 hour 1 minute 1 second is equal to _____ seconds?

3. A play that started at 7 : 30 P.M got over at 8 : 55 P.M. How long was the play?

4. 6 h 60 min – 2 h 25 min = _____?

5. Find the time 2 h 30 min before 10 : 15 P.M?

III   ANSWER THE FOLLOWING

1. Find the difference between 6 h 40 min and 11 h 25 min.

2. Ravi's birthday comes once in 4 years. Do you know why? Explain.

3. A train leaves Delhi at 5 : 45 A.M and reaches Dehradun in 7 h 10 m. At what time does it reach Dehradun?

4. John started for school at 6 : 30 A.M and reached there at 7 : 05 A.M. How long did he take to reach the school?

5. Convert the following in hours and minutes.
    a) 620 minutes.   b) 1835 minutes.

IV   ANSWER THE FOLLOWING

1. Janta express leaves Delhi at 7 : 00 A.M and reaches Chandigarh at 10 : 20 A.M. Find the duration of the journey .

2. Ranjini returned from her 20 days holidays on 11th June. When did her holiday begin?

3. Arun started collecting stamps at 5:30 p.m. He finished 5 hours later. What did time he finish?

4. Change into minutes and seconds: a) 400 seconds   b) 950 seconds

5. A person joined a 2 week driving class that got over on September 3rd. When did he join the class?

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HALF-YEARLY – WORKSHEET 5

CLASS: V   **MATHEMATICS**

FACTORS

I   FILL UP THE BLANKS

1. The number which has more than two factors is called _____.

2. All the prime numbers greater than 2 are odd. Is it true? _____.

3. The largest prime factor of 80 is _____.

4. All the factors of _____are 1, 3, 5 and 15.

5. All the factors are _____.

II   ANSWER THE FOLLOWING

1. Find the number which has the first 6 prime numbers as its only factors.

2. Write the prime factorisation of 56.

3. Find the common factors of 15 and 27.

4. Draw a factor tree to show the prime factorisation of 42.

5. Find the H.C.F of 11 and 13.

III   ANSWER THE FOLLOWING

1. The product of three numbers is 1100. These numbers have no common factors other than 1. What are these numbers?

2. Find the factor of 120 by using factor tree method.

3. Write the prime numbers between 60 and 100.

4. Find the common factors and H.C.F of 54, 72 and 90.

5. Write the prime factorisation of 54.

IV   ANSWER THE FOLLOWING

1. Express 420 as a product of prime numbers.

2. Find the H.C.F of the below numbers using prime factorisation method:

   a) 48,   36   b) 14,   16

3. Arjun has 42 bottles of Indian spices and 21 bottles of foreign spices in his restaurant kitchen. He wants to store them in racks so that all the racks have a different way. Can he do that so that each rack has only Indian spices or only foreign spices?

4. List out all the prime numbers and composite numbers between 31 and 70.

5. Draw a factor tree to show the prime factorisation of 42, 96 and 100.

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CLASS: V   **MATHEMATICS**

SHAPES, PATTERNS AND NETS

I   ANSWER THE FOLLOWING

1.   Circle the numbers that look the same of half a turn.

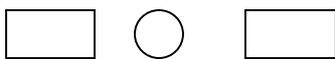   11,   56,   14,   66,   1001.

2.   Draw the line of symmetry.
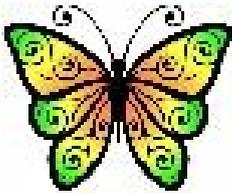
3.   Draw the reflection of the shape.

4.   Draw any two $\frac{1}{4}$ shapes.
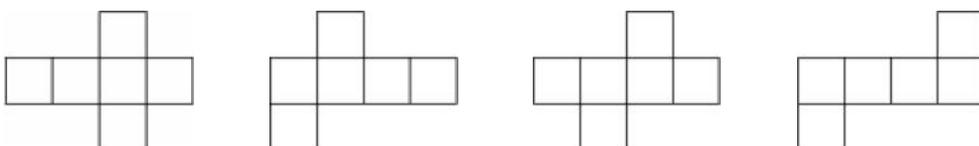
II   ANSWER THE FOLLOWING

1.   Complete the pattern:

2.   Which are the largest and the smallest 4 digit numbers you can make that will look the same on a $\frac{1}{2}$ turn?

3.   Draw a triangle and its line of symmetry.

4.   The below patterns have been made by moving the designs clockwise. What will be the next?

III   ANSWER THE FOLLOWING

1.   Which of these nets can be folded to make cubes?

2. Spot the pattern and continue.

a)
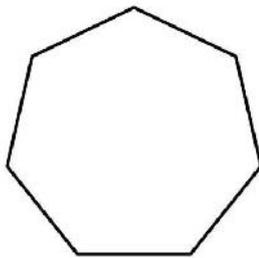| A | B | A | B | | | |

b)
| □ | ○ | □ | ○ | | |

3. Use this basic design and answer the following questions:

    a. Create a pattern by repeating the design.

    b. Create a new pattern by rotating the design by $\frac{1}{2}$ turn every time.

    c. Create a new pattern by turning the design by $\frac{1}{2}$ turn every time.

4. Find the number of lines of symmetry for the following figures:

    a.   b

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CLASS: V   **MATHEMATICS**

GEOMETRY-ANGLES

I   FILL UP THE BLANKS

1. An angle is formed by two _____ having common end points.

2. Right angle is an angle whose measure is _____.

3. A reflex angle is _____ than acute, right, obtuse and straight angle.

4. An angle whose measure is 180° is called ____.

5. An obtuse angle is always ____ than a right angle.

II   ANSWER THE FOLLOWING

1. Draw any three acute angles.

2. Draw and name the angle of 155°.

3. Measure these angles using the inner scale of the protractor.
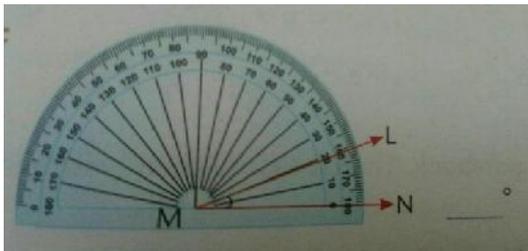

4. Mark the right angles:

III   ANSWER THE FOLLOWING

1. Use protractor to measure the angles in the given figure.

2. Draw any two kinds of angles with measurements.

3. Draw and measure the angle formed by the hour and minute hand of a   clock
    at :
    a.   9 O' clock   b. 4 O' clock.

4. Measure and name the angles from the following figures
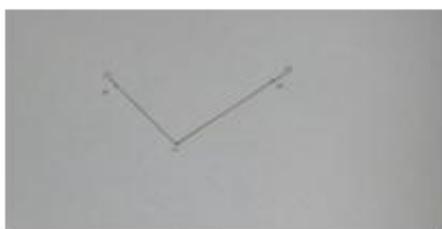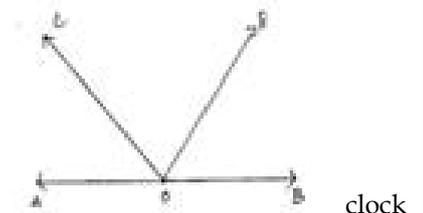
IV   ANSWER THE FOLLOWING

1. Draw an angle with the measures 72° and 180°.

2. Use a protractor to measure the angles from the given figure:
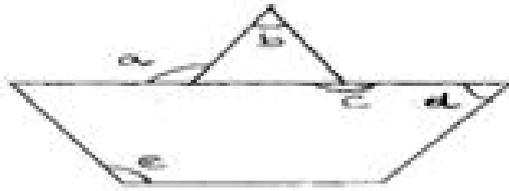
3. Construct an acute angle of measure 60° by using a protractor.

4. Using a compass and straight edge, bisect ∠ A and label it.

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