



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL
TERM-1 EXAMINATION (2026-27)
MATHEMATICS
SET-2
MARKING SCHEME

Class : V
Date : 09.09.2026

Max. Marks: 80
Duration: 3 Hrs.

A. State the given statement is true or false and correct the false statement.

1. DCXV = 650

Answer: False

Correction: DCXV = 615

(D = 500, C = 100, X = 10, V = 5 $\rightarrow$ 500 + 100 + 10 + 5 = 615)

2. A triangle can have two obtuse angles.

Answer: False

Correction: A triangle cannot have two obtuse angles.

3. $2453 \div 100 = 245$

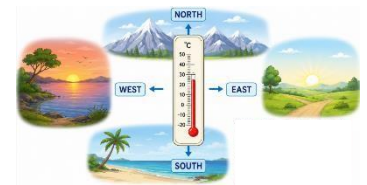
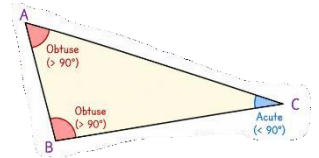
Answer: False

Correction: $2453 \div 100 = 24$ R = 53

4. Thermometer is one of useful instrument in identifying the directions.

Answer: False

Correction: A compass is a useful instrument for identifying directions. (A thermometer is used to measure temperature.)



B. Match the following

5.	Point R	=	100 lakhs
6.	1000000 – 99909	=	10
7.	1 crore	=	900091
8.	7000 x 300	=	. R
9.	500 ÷ 50	=	2100000

Column A

A. Point R

B. 1000000 - 99909

C. 1 crore

D. 7000 x 300

E. 500 ÷ 50

Column B

1. .R

2. 900091

3. 100 Lakhs

4. 2100000

5. 10

C. Fill in the blanks

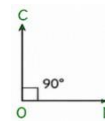
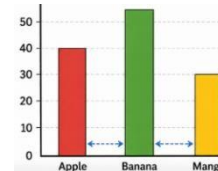
10. The gaps between two bars in a bar graph is equal.

11. The sum of prime numbers between 1 and 10 is 17.

12. 1932 is divisible by 2 and 4.

13. Two right angles together form a straight angle.

14. $111 + 222 + 333 = \underline{666}$.



D. Choose the correct answer

15. Which of the following is equal to 240×100

a. 24×100

b. 120×200

c. 12×200

d. 24×2000

16. In a pictograph, $\otimes \otimes \otimes$ represents 18 books then 1 $\otimes$ is equal to _____

a. 5

b. 1

c. 3

d. 6

17. _____ help us find places and show us the way to reach them.

a. directions

b. complete

c. reflex

d. distance

18. Every number is a multiple of _____

a. 0

b. 2

c. 1

d. 100

E. Assertion and Reasoning

19. Assertion (A): Every number is a multiple of all its factors.

Reasoning (R): A multiple is a number that can be obtained by multiplying another number

a. Both Assertion (A) and Reasoning (R) are true, and Reasoning (R) is the correct explanation for Assertion (A).

b. Both Assertion (A) and Reasoning (R) are true, but Reasoning (R) is not the correct explanation for Assertion (A).

c. Assertion (A) is true, but Reasoning (R) is false.

d. Assertion (A) is false, but Reasoning (R) is true.

20. Assertion (A): The result of adding two odd numbers is always even.
Reasoning (R): When you add two odd numbers, their units' digits always sum to an even number.

- Both Assertion (A) and Reasoning (R) are true, and Reasoning (R) is the correct explanation for Assertion (A).
- Both Assertion (A) and Reasoning (R) are true, but Reasoning (R) is not the correct explanation for Assertion (A).
- Assertion (A) is true, but Reasoning (R) is false.
- Assertion (A) is false, but Reasoning (R) is true.

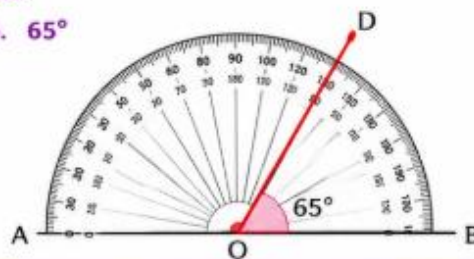
F. Solve the following

21. Draw an angle of the following measures using a protractor.

a. 40°



b. 65°



22. Find the products using box method : 32×23

	30	2
20	600	40
3	90	6

Adding all the products:
 $600 + 40 + 90 + 6$
 $= 736$

or

Given that $18 \times 62 = 1116$, Find :

a. 9×62

Since 9 is half of 18,
 $9 \times 62 = 1116 \div 2$
 $= 558$

b. 18×620

Since 620 is 10 times of 62,
 $18 \times 620 = 1116 \times 10$
 $= 11160$

23. A number, when divided by 34, gives a quotient of 82 and a remainder of 9. What is the number? (Hint: Use the division rule to discover the number.)

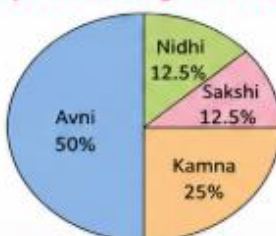
According to the division rule:

$$\text{Dividend} = \text{Divisor} \times \text{Quotient} + \text{Remainder}$$

$$\begin{aligned} \text{So, the number} &= 34 \times 82 + 9 \\ &= 2788 + 9 \\ &= 2797 \end{aligned}$$



24. The number of story books read by four friends in six months are depicted in the given circle graph.



- a. Name the friends who read the same number of books?

Answer: Sakshi and Nidhi

- b. Who read half the number of books read by Avni?

Answer: Avni



25. Fill in the blanks with directions on the basis of the grid



- The ball is to the west of the bottle.
- Mango is to the east of pencil.
- The balloon is to the north of Kite.
- To the south of the leaf lies the bottle.

G. Do as directed

26. Write the number names for a. 70,051,900 b. 17, 25, 478 c. 768,234

- 70,051,900 – **Seventy million fifty-one thousand nine hundred**
- 17, 25, 478 – **Seventeen lakh twenty-five thousand four hundred seventy-eight**
- 768,234 – **Seven hundred sixty-eight thousand two hundred thirty-four**

27. Divide using long division and check your answer $913876 \div 24$

$$\begin{array}{r}
 38078 \\
 24 \overline{) 913876} \\
 \underline{-72} \\
 193 \\
 \underline{-192} \\
 18 \\
 \underline{-0} \\
 187 \\
 \underline{-168} \\
 196 \\
 \underline{-192} \\
 4
 \end{array}$$

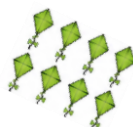
Check:

$$38,078 \times 24 + 4 = 913,876$$

$$913,876 = 913,876 \quad \checkmark$$

28. A factory makes 2346 kites in a day. How many kites will it make in 315 days?

$$2346 \times 315 = 744,660 \text{ kites}$$



29. Write the numbers

Multiple of 3 that are less than 18 : **3, 6, 9, 12, 15**

Factors of 6 : **1, 2, 3, 6**

Multiples of 4 between 16 and 36 : **20, 24, 28, 32**

or

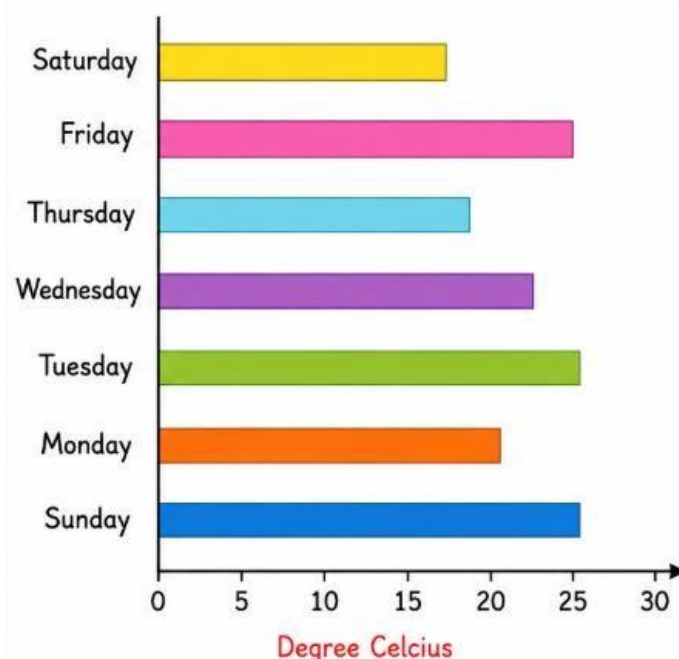
Check the divisibility rules and complete the tables

Divisible by?					
Number	2	3	4	5	6
45	×	✓	×	✓	×
369	×	✓	×	×	×
7,870	✓	×	×	✓	×

30. Find the missing number

$$\begin{array}{r}
 8 \quad \boxed{2} \quad 6 \quad 6 \quad \boxed{3} \quad 4 \\
 + \quad \boxed{9} \quad 5 \quad \boxed{1} \quad 6 \quad \boxed{0} \\
 \hline
 \boxed{1} \quad 7 \quad 7 \quad 7 \quad 9 \quad 4
 \end{array}$$

31. The temperature of a Pune city during a week is given in the following bar graph



a. On which days the temperature is same? **Sunday and Tuesday**

b. Write down the temperature on Sunday and Monday. **25°C and 20°C**

H. Do as directed

$4 \times 5 = 20$

32. Answer the following for the given number: 911002320

Write the number in expanded form.

$900,000,000 + 10,000,000 + 1,000,000 + 2,000 + 300 + 20$

Find its predecessor.

$911002320 - 1 = 911002319$

Write the number name in the International System.

Nine hundred eleven million, two thousand, three hundred twenty

Insert commas according to the Indian System.

91,10,02,320

33. Find the HCF and LCM of

e. 15 and 14

HCF = **1**

LCM = **210**

b. 9 and 27

HCF = **9**

LCM = **27**

or

Write

- a. The smallest prime number : **2**
- b. The smallest composite number : **4**
- c. A number neither prime nor composite : **1**
- d. The largest 2-digit prime number : **97**
- e. Any one example of twin prime numbers : **(11, 13)**

34. Find the product by doubling and halving either multiplicand or multiplier

a. 5×28

$5 \times 28 = 10 \times 14$
 $= 140$

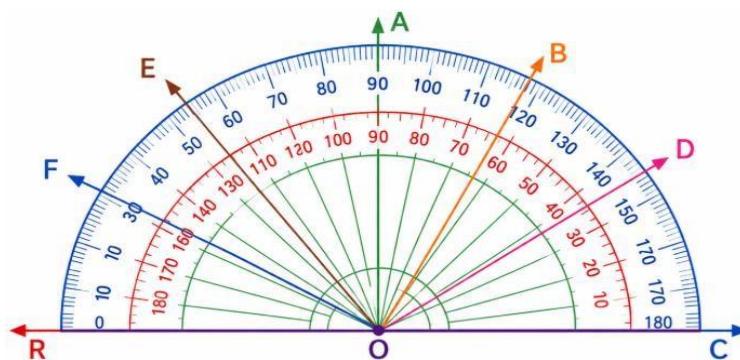
b. 50×46

$50 \times 46 = 25 \times 92$
 $= 2300$

c. 0×43

$0 \times 43 = 0$
 $= 0$

35. Find the measure of the following angles



(a) $m(\angle AOC) =$ **90° C**

(b) $m(\angle BOC) =$ **63° C**

(c) $m(\angle DOC) =$ **35° C**

(d) $m(\angle EOR) =$ **55° C**

(e) $m(\angle FOR) =$ **31° C**

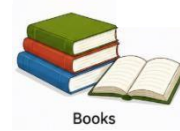
I. Solve the following

36. Students collected ₹6,75,820 during the first week and ₹4,28,975 during the second week. They spent ₹2,56,430 on books and sports equipment.

Answer the following:

- a. How much money was collected in total?

$$\text{₹6,75,820} + \text{₹4,28,975} = \text{₹11,04,795}$$



- b. How much money was left after the expenses?

$$\text{₹11,04,795} - \text{₹2,56,430} = \text{₹8,48,365}$$

- c. Estimate the remaining amount by rounding each number to the nearest thousand.

$$\text{₹6,75,820} \approx \text{₹6,76,000}$$

$$\text{₹4,28,975} \approx \text{₹4,29,000}$$

$$\text{₹2,56,430} \approx \text{₹2,56,000}$$

Estimated remaining amount:

$$\text{₹6,76,000} + \text{₹4,29,000} = \text{₹11,05,000}$$

$$\text{₹11,05,000} - \text{₹2,56,000} = \text{₹8,49,000}$$

37. The librarian arranged 360 books equally on shelves. She noticed that the total number of books are divisible by 2, 3, 5, 9, and 10.

Answer the following:

- a. Which divisibility rule tells us that 360 is divisible by 2?

Since the last digit of 360 is 0, it is divisible by 2.

- b. Why is 360 divisible by 5?

Since 360 ends in 0, it is divisible by 5.

- c. Is 360 divisible by 9? Give a reason.

Yes.

$$\text{Sum of the digits} = 3 + 6 + 0 = 9$$

Since 9 is divisible by 9, 360 is divisible by 9.



38. Four stadiums recorded the following number of spectators:

Answer the following:

- a. What is the face value and place value of digit 4 in Stadium B.

Number: 5,34,82,650

- Face Value of 4 = 4
- Place Value of 4 = 4,00,000 (4 is in the lakh place)

- b. Which digit is at the hundred-thousand place in Stadium D.
The hundred-thousand (lakh) place digit is 4.
Answer: 4

- c. What is the difference between the highest and the least number?
Highest number = 5,43,82,560
Least number = 5,34,28,650
Difference = 9,53,910

