



B.K. BIRLA CENTRE FOR EDUCATION

SARALA BIRLA GROUP OF SCHOOLS
A CBSE DAY-CUM-BOYS' RESIDENTIAL SCHOOL



PRE-MID TERM (2025-26)

MATHEMATICS

Class: VI
Date: 02.08.25

Time: 1 hr.
Max Marks: 25

MARKING SCHEME

Section A

Fill in the blanks:

1 x 5 = 5

1. In a grid, a supercell is a number that is greater than its neighbours directly above, below, left and right.
2. The digit '7' appears 10 times in the tens place.
3. In the pattern 3000, 3100, 3200, 3300,
When placing the number 3600 on the number line, it would be placed just after 3500.
4. Pictograph is a visual presentation of data.
5. The height of a bar in a bar graph must correspond to the frequency to accurately represent the data.

Section B

Do as directed

2 x 4 = 8

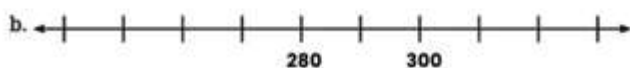
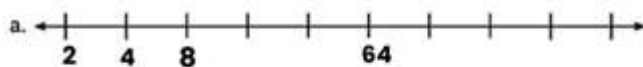
6. Colour or mark the supercells in the table below.

200	199	345	202	300	180	271	198
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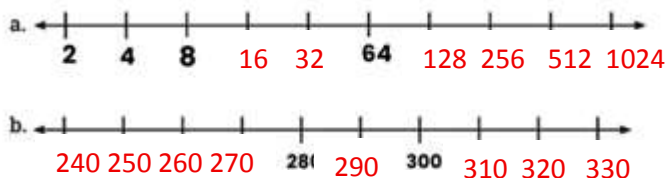
Solution:

200	199	345	202	300	180	271	198
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7. Identify the number lines below and label the remaining positions.



Solution:



8. Study the following tally marks frequency table and answer the questions given below:

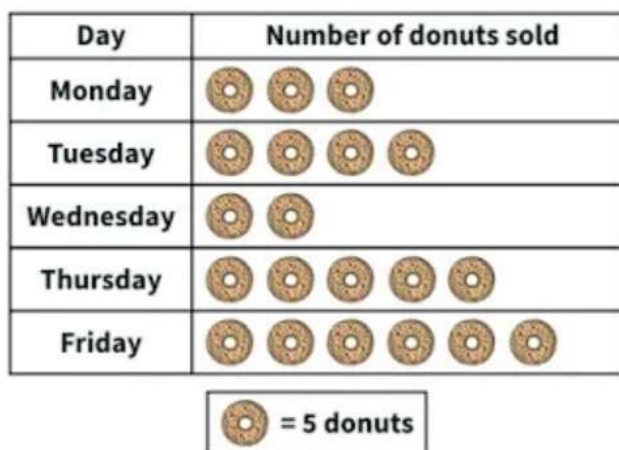
Marks obtained by students in maths test	Tally Marks
12	
16	
18	
10	
20	

- (i) How many students score 10 marks?
(ii) How many students scored above 10?

Solution:

- (i) Number of students scored 10 marks = 10
(ii) Number of students scored above 10 marks = 17

9. Tim recorded the number of donuts sold over five days. Read the chart and answer the questions.



- (i) How many donuts did he sell on Thursday?
(ii) Which day did he sell the least donuts?

Solution

- (i) Donuts sold on Thursday = $5 \times 5 = 25$ donuts
(ii) least donuts were sold on Wednesday

Section C

Solve the following

$$3 \times 4 = 12$$

10. Estimate the following:

(i) $730 + 998$

(ii) $796 - 314$

(iii) 958×387

Solution:

(a) $730 + 998$

Round 730 to the nearest hundred: 700,

Round 998 to the nearest hundred: 1000,

Estimate: $700 + 1000 = 1700$.

(b) $796 - 314$

Round 796 to the nearest hundred: 800,

Round 314 to the nearest hundred: 300,

Estimate: $800 - 300 = 500$.

(c) 958×387

Round 958 to the nearest hundred: 1000

Round 387 to the nearest hundred: 400

Estimate: $1000 \times 400 = 400000$

11. What is the sum of the smallest and largest 4-digit palindromes? What is their difference?

Solution:

The smallest 4-digit palindrome is 1001,

The largest is 9999.

Their sum is $1001 + 9999 = 11000$,

Their difference is $9999 - 1001 = 8998$.

12. Draw a tally marks table for the following data:

A, B, A, B, C, D, E, D, C, B, A, E, C, D, B, E, A, E, C, D, B, E, C.

Solution:

Letters	Tally marks frequency
A	IIII
B	IIII
C	IIII
D	IIII
E	IIII

13. The table below shows the favourite colour of 200 kids in a class. Draw a bar graph for the following data:

Favourite Colours	Red	Green	Blue	Yellow	Orange
Number of students	45	17	50	48	40

