



Preactivity :-Lets begin from T.B. Page no.201

Let's Begin

Adeel, look at these crafts. They are made by our art teacher. Aren't these beautiful?

Wow, Saira! These are so colourful. Won't it be better if we record these different shapes in a frequency table?



Look at the given picture, and answer the following questions.

a Complete the table by filling in the tally marks.






b Observe the table and answer the following.

i. Circle the craft which is maximum in number?



ii. How many fewer  are there than ?

iii. What is the difference between the number of  and ?

Paper craft	Numbers (frequency)	Tally marks
	3	
	6	I
	5	
	10	
	5	

Concrete Stage

Use the given table to record the number of shapes in the 'Shapes and Colour Kit'.

Shapes	Frequency

Pictorial Stage

1 Help Saira to record the given objects in the frequency table.



Shape	Frequency
Cube and cuboid	6
Cylinder	5
Cone	3
Sphere	6

2 Look at the given frequency table representing the number of colour sheets that the children have. Use it to answer the following questions. (1  represents 10 colour sheets)

Child	Tim	Kim	Ankit	Peter
Frequency (Number of colour sheets)				

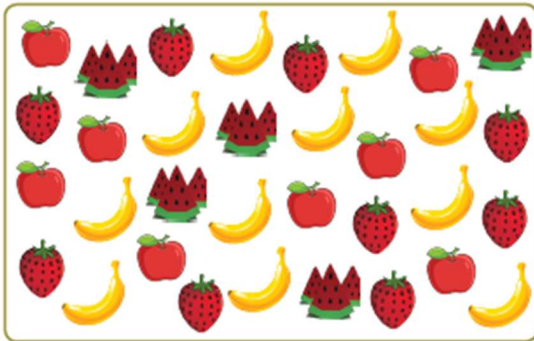
a Who has more colour sheets—Tim or Peter? How many more?

b Who has the least number of colour sheets?

c Who has twice the number of sheets as Kim has?

Abstract Stage

- 1 Saira and Adeel are trying to record the data given in the picture. Help them to complete the frequency table.



Fruits	Frequency (Number of fruits)
Apple	8
Banana	11
Strawberry	9
Watermelon	5

III

- 2 A class of 20 pupils took a survey on the number of crafts they made during their art class. The data obtained is shown. Help Adeel to record the given data using tally marks and a pictograph.

2, 1, 0, 0, 1, 2, 0, 1, 3, 1,
1, 0, 2, 1, 1, 0, 2, 2, 0, 1

Number of crafts	Tally marks	Pictograph
0	I	
1	III	
2		
3	I	

Think Aloud

Can a tally chart and a pictograph look similar? Explain.

Answer: Answer may vary.

Worksheet

17.1

TEXTBOOK PAGE NO.205

Concrete Stage

Use three different 'Counters' (yellow, green, and blue) to work out the total number of colour counters you will get using the clues. Complete the table.

Colour	Clue	Number of colour counters
Yellow	Twice as	10
Blue	4 more than	9
Green	3 less than	2

Pictorial Stage

- 1 Observe the table to complete the missing information by drawing tally marks. Also, draw a bar graph in your notebook for the given data.

Colour of pencils	Tally marks	Frequency (number of pencils)
Brown		12
White		14
Purple		12
Red		12
Green		15

|| = 3 pencils

- 2 Look at the given bar graph, and answer the following questions.

- a 9 children made paper pinwheels.
- b Seven more children made wall hanging than clothespin dolls.
- c The total number of children who chose to make paper-plate clock and paper pinwheels is 17.
- d The wall hangings craft is made by most of the children.



Abstract Stage

- 1 Adeel counted the number of flowers hung on the stage. Complete the tally chart by reading the information below and then draw a bar graph.

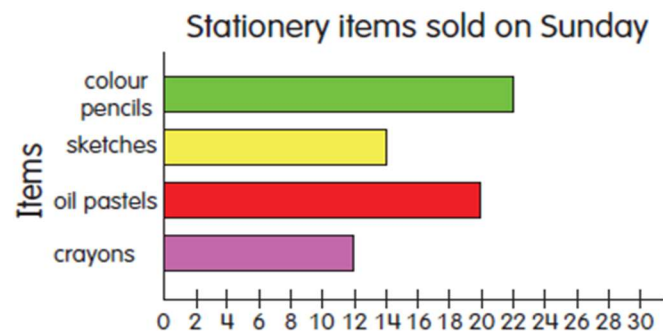
- a The number of orange flowers is 7 less than the yellow flowers.
- b The number of red flowers is equal to three times the number of pink flowers.
- c The number of yellow flowers is 5 more than the red flowers.

Colour of flowers	Tally marks (number of flowers)
Pink	
Yellow	
Orange	
Red	

114

- 2 Saira recorded the number of stationery items sold at a shop on Sunday using a bar graph. Observe the bar graph and answer the following questions.

- a Colour pencils is the most sold item of the day.
- b Oil pastels were sold more (more/less) than sketches.
- c Crayons is the least sold item of the day.
- d The total number of items sold on Sunday is 68.



Blooming Questions

1 Read the frequency table and tick (✓) the right statements.

- a Vinod made 100 more crafts than Faima.
- b Deepa made the most number of crafts.
- c Sarla made 50 crafts less than Deepa.
- d Faima made as many crafts as Annie and Sarla made together.

Student	Number of crafts made
Annie	200
Sarla	100
Vinod	400
Deepa	150
Faima	300

2 This pictograph represents the favourite food items of children in a classroom. Look at the pictograph and answer the following questions.

- a How many children like pizza?
 $5 \times 10 = \underline{50}$
- b Which food is liked by the least number of children? Pav bhaji
- c How many children like noodles?
 $3 \times 10 + 5 = 30 + 5 = \underline{35}$
- d What is the difference between the number of children who like sandwich and those who like dosa?
 $45 - 40 = \underline{5}$

	Number of children
Pizza	
Sandwich	
Noodles	
Pav Bhaji	
Dosa	

= 10 students

3 The frequency table shows the number of children who drew the following flowers.

Flower	Rose	Tulip	Sunflower	Marigold	Jasmine
Number of children	80	65	90	35	15

Complete the pictograph using the data in the frequency table.

1 = 10 flowers

Rose	Tulip	Sunflower	Marigold	Jasmine


4 This pictograph shows the number of children who took part in an art competition. Read the pictograph and fill in the blanks.

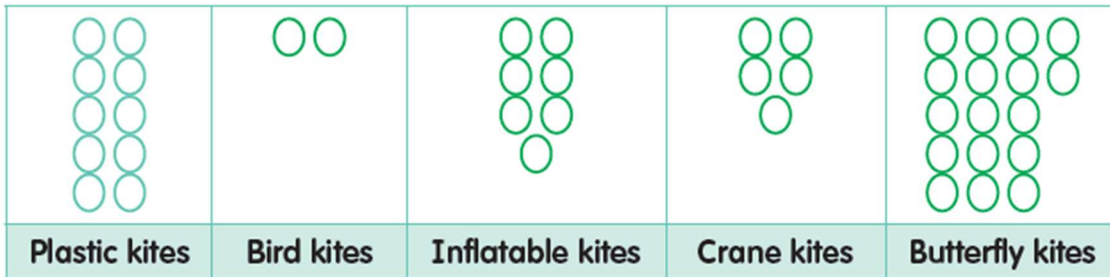
- a How many children participated in the drawing competition? 30
- b How many more children participated in colouring than in painting? 18
- c How many children participated in art competition altogether? 96

Art form	Number of children
Drawing	
Painting	
Colouring	

= 6 children

5 The pictograph represents the number of crafts made by Shivangi in a week. Use the given information to fill in the pictograph accordingly.

1  stands for 10 kites



- a Shivangi made 80 fewer bird kites than plastic kites.
- b Shivangi made 30 more crane kites than bird kites.
- c Shivangi made 120 butterfly kites and crane kites altogether.
- d Shivangi made as many inflatable kites as the total number of bird and crane kites.

POST ACTIVITY :-

Mental Maths

The tally chart shows the number of paintings sold by an artist from Monday to Friday.

Monday	
Thesday	
Wednesday	
Thursday	
Friday	

- a How many paintings were sold on Monday?
- b Find the total number of paintings sold from Monday to Friday.

Sub Teacher

HOD

CORDINATOR

PRINCIPAL

