

Government of Tamilnadu

STANDARD FOUR

TERM III

VOLUME 2



NOT FOR SALE

Untouchability is Inhuman and a Crime

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MATHEMATICS

STANDARD FOUR

Term III



What these Icons stand for!



Practice







Puzzle







1. SYMMETRY AND REFLECTION

Reflections through Ink plots

- Take a rectangular sheet of paper and fold it into half.
- Soak a thread with ink and place it inside the folded paper and pull the thread out.

 Open the paper. What do you see?
Some designs are formed on either side of the folding. Are they same?

Yes, but opposite in face, that is they appear identical but in reverse. This design is in reflection.

In the same way do some more reflection designs and stick them in your notebook.

Stick the Designs



Fathima, I will do another pattern. Will you help me?



Yes, Kamala, let us have fun.

Take a white sheet and write the alphabet 'B' in bold letter using crayons. Fold and scratch it gently till the impression is formed on the other side. Open it and see.

Ok, Kamala, I will try with number 5.

Very interesting Kamala, shall we create many pictures like this and stick in our notebook and show to our teacher? **Reflections through Mirror**

9099IM MIRROR



Saranya :



: Teacher, is there any special name for these pictures?

Teacher :

Yes, these are called Mirror images. These pictures are in mirror reflections.

Fathima : Teacher, I see a line between the two sides which divides the pictures equally on either side.

Teacher : Oh, that line is called "Mirror line symmetry".





Line of symmetry



Cut a circular paper, fold it equally. A line divides it into two equal halves. This line is called 'line of symmetry', which means it is exactly the same on both sides of the line.

Practice

Cut a rectangular paper, fold it equally. Draw a line on the folding and stick the paper in your notebook.

Check for symmetry.



- Trace two given figures in a small paper separately, fold it and check for the line of symmetry.
- In figure(1) you get a line of symmetry so that the two parts coincide exactly, figure(1) is symmetrical. In figure(2), two parts do not coincide, so figure (2) is not symmetrical.



Symmetry in geometrical shapes Observe the following shapes:

A line of symmetry divides a figure into mirror-images. The dotted lines below are the line of symmetry. It divides the figure into two equal parts. Both the sides are symmetrical. These are called symmetrical shapes.



Draw the line of symmetry and circle the letters which do not have the line of symmetry.



- Some designs are given below.
- Stick some designs of your choice in your notebook.







Visualize the symmetrical figures

Observe the pictures. They are very beautiful. Symmetry is maintained on the left and right side of the buildings.





















2. SHARING WHOLE

Fraction of a whole

Colour the remaining half in the following figures.









Fractions representing the coloured parts

The fraction part coloured in red=The fraction part coloured in green=The fraction part coloured in yellow=The fraction part coloured in violet=







 $\frac{2}{8}$

| Picture | Fractional number | In words |
|------------|-------------------|-------------|
| \bigcirc | <u>1</u> 2 | Half |
| | $\frac{1}{3}$ | One-third |
| | <u>1</u> 4 | One-fourth |
| | <u>1</u> 5 | One-fifth |
| | <u>1</u> 6 | One-sixth |
| | $\frac{1}{7}$ | One-seventh |
| | <u>1</u> 8 | One-eighth |
| | <u>1</u> 9 | One-ninth |

The circle is divided into two, three, four, five, six, seven, eight and nine equal parts. One part is uncoloured. The fraction of the uncoloured parts are $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{7}$, $\frac{1}{8}$ and $\frac{1}{9}$ respectively.

Representation of fractions for the uncoloured part







Colour the following shapes as indicated and write the numerator and denominator

Practice





Fraction as a part of collection





Circle the figures to denote the given fractions.





Equivalent fractions

Out of eight equal diamonds, 4 are coloured.



Observe the picture and discuss.

| $\frac{1}{2}$ | | | | $\frac{1}{2}$ | | | | | | |
|-----------------------------|--|---------------|---------------|---------------|-----------------------------|---------------|-----------------|---------------|---------------|---------------|
| $\frac{1}{4}$ $\frac{1}{4}$ | | | | - | $\frac{1}{4}$ $\frac{1}{4}$ | | | | | |
| $\frac{1}{6}$ | | $\frac{1}{6}$ | | | $\frac{1}{6}$ | $\frac{1}{6}$ | | <u>1</u> |) | $\frac{1}{6}$ |
| $\frac{1}{8}$ | | $\frac{1}{8}$ | $\frac{1}{8}$ | - | $\frac{1}{8}$ | $\frac{1}{8}$ | _ <u>]</u> { | <u> </u> 3 | $\frac{1}{8}$ | $\frac{1}{8}$ |

Out of six students, 3 are boys.





The same portion of each rectangle is coloured.

Green rectangle refers to $\frac{1}{2}$.

Pink rectangle refers to $\frac{2}{4}$.

Orange rectangle refers to $\frac{3}{6}$.

Violet rectangle refers to $\frac{4}{8}$.

All the coloured rectangles are same in size.

$$\frac{1}{2} = \frac{2}{4} = \frac{3}{6} = \frac{4}{8}$$

 $\frac{1}{2}, \frac{2}{4}, \frac{3}{6}, \frac{4}{8}$... are equivalent fractions.

Let us frame equivalent fractions.

$$\frac{1}{2} = \frac{1 \times 2}{2 \times 2} = \frac{2}{4} \qquad \qquad \frac{1}{2} = \frac{1 \times 3}{2 \times 3} = \frac{3}{6} \qquad \qquad \frac{1}{2} = \frac{1 \times 4}{2 \times 4} = \frac{4}{8}$$

Multiply the numerator and denominator of the fraction by the same number to form equivalent fractions.



Practice Write down the equivalent fractions. $\frac{2}{3} = \frac{4}{6} = \frac{6}{9}$ $\frac{2}{5} =$ $\frac{1}{7}$ (3) (5) (1) = = $\frac{1}{4} =$ | |= | | (4) (2) $\frac{1}{3} =$ (6) $\frac{3}{8}$ = = = Lab activity

Look at the fractions in the coloured clouds. For each fraction one equivalent fraction is given in the middle. Colour the equivalent fraction with corresponding colour in the cloud and write one more equivalent fraction in the corresponding coloured cloud.





Addition in fractions

Birthday party



Akash celebrated his birthday by giving cakes to his friends. Out of 8 equal pieces of cake, he gave 3 pieces to Anandhi and 2 pieces to Ram.

| Anandhi's parts = Three eighth | = | <u>3</u> 8 |
|----------------------------------|---|-----------------------------|
| Ram's parts = Two eighth | = | <u>2</u> 8 |
| Total parts given to his friends | = | $\frac{3}{8} + \frac{2}{8}$ |
| | = | $\frac{3+2}{8}$ |
| Total parts given to his friends | = | <u>5</u> 8 |
| | | |

$$\frac{3}{8} + \frac{2}{8} = \frac{5}{8}$$

For adding two fractions with the same denominators, add the numerators and keep the same denominator.







Subtraction in fractions

Pizza Corner





 $=\frac{4}{6}$

 $=\frac{3}{6}$

 $=\frac{4}{6}-\frac{3}{6}$

 $=\frac{4-3}{6}$

 $=\frac{1}{6}$

Sri Ram took $\frac{4}{6}$ parts of pizza. He gave $\frac{3}{6}$ parts to his sister Meenu. How many parts of pizza were left with him?

Parts of pizza taken by Sri Ram

Parts of pizza given to Meenu

Parts of pizza left with him

Fractional number of pizza left with him $=\frac{1}{6}$

| 4 | 3 | 1 |
|---|---|---|
| 6 | 6 | 6 |

While subtracting fractions with the same denominators, subtract the numerators and keep the same denominator.









3. PERIMETER AND AREA



Suresh is a farmer. He wants to fence his field.

He is measuring the sides of the field with the help of his son.







Practice

Find the perimeter for the following.



Perimeter of badminton court

= 15m + 25m + 15m + 25m

= ____ m



20m

10m

Perimeter of basketball court



Jothi goes for a walk around of the park every morning. What is the total distance she covers by walk?

Distance covered by walk = perimeter of the park

= ____ m

Anu's mother Devi planted marigolds in her garden. Now she wants to fence her garden. Find the length of fence.

Length of the fence = perimeter

= ____ m

=



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3)

4)

10m

20m

2m

E

2m



Perimeter on a square paper

We can easily find the perimeter of a shape drawn on square paper.





Perimeter of the shape on the square paper =

Perimeter = _____ Perimeter = _____



Find out perimeter of the shapes given below.

2)





1cm

Perimeter = _____



Perimeter =









Collect a few greeting cards of different sizes. Find out the areas by tracing

Comparing area



picture (1)



picture (2)

Two pictures are given. The areas of the pictures are not equal. Area of the picture (1) is greater than the area of the picture (2)

Tick the figure which has the greater area.



Practice






Puzzle

- Look at the field given below.
- Divide the field into 4 equal areas
- > The four divided areas should be in different shapes.







>



4. HANDLING MONEY

Two friends are talking about the change of rupees.



Rupees ₹ 5.50





Denominations

Write down the denominations for the amount given.



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Convert the following.

| 1) | ₹2 | = | p.] | (7) | 300 p | = | ₹3 |
|----|-------|---|------|-----|--------|---|----------|
| 2) | ₹5 | = | p. | 8) | 700 p | = | ₹ |
| 3) | ₹10 | = | p. | 9) | 500 p | = | ₹ |
| 4) | ₹ 50 | = | p. | 10) | 1670 p | = | ₹ 16 .70 |
| 5) | ₹ 65 | = | p. | 11) | 950 p | = | ₹ |
| 6) | ₹ 100 | = | p.) | 12) | 2540 p | = | ₹ |





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Addition with Conversion



Stationery shop



Yokesh bought a pencil box for \gtrless 24.50 and a pen for \gtrless 15.50. Find the total amount paid.

| Cost of a pencil box | = | ₹24.50 | | | |
|-------------------------------|---|-----------|--|--|--|
| Cost of a pen | = | + ₹15.50 | | | |
| Total cost | = | ₹ 40 . 00 | | | |
| The amount paid by him = ₹ 40 | | | | | |

(Practice)

- Chandra bought notebooks for ₹ 55.50 and pen for
 ₹ 73.50. Find out the total amount she paid.
- 2) Ravi bought bread for ₹ 18 and Jam bottle for ₹ 12.50. How much did he spend in all ?
- 3) Vinisha bought chapathi for ₹ 25.50 and a fruit juice for ₹ 15.50. How much should she pay ?



Subtraction with Conversion

Step 1:



Subtract paise 75 p cannot be subtracted from 20 p. So, take ₹ 1 from ₹ 52. Now ₹ 1 = 100 p 100p + 20p = 120p. 120p - 75p = 45p. Step 2:

Subtract rupees





Life-related problems

Arun bought a book for ₹24.50 and a pen for ₹18.50. How much amount did he spend more to buy a book?

Cost of a book = ₹ 24.50 Cost of a pen = -₹ 18.50 ₹ 6.00



Aruna spent ₹6 more to buy a book.

Fruit stall



Rani bought fruits for ₹ 45 . 50. She gave ₹ 100 to the seller. How much did she get it back?

| Amount given to the seller | = | ₹100.00 |
|----------------------------|---|-----------|
| Cost of fruits | = | - ₹45.50 |
| Amount she got back | = | ₹ 54 . 50 |





- Seetha bought family pack icecream for ₹ 230 . 50. She gave
 ₹ 500 to the shop keeper. Find the balance amount.
- Prakash bought a cake and a cherry packet for ₹ 97.50. The cost of a cake is ₹ 49.50. Find the cost of a cherry packet.

Multiple cost

Ramesh bought 3 kg of laddus at the rate of ₹ 150 per kg. Find the amount paid by him.

| Cost of 1 kg of laddus | = | ₹ 150 |
|-------------------------|---|----------|
| Cost of 3 kg of laddus | = | ₹150 × 3 |
| Cost of 3 kg of laddus | = | ₹ 450 |
| Ramesh spent the amount | = | ₹ 450 |



Cost of a lollipop is ₹ 2 . 50. Find the cost of 4 lollipops.



| Cost of 1 lollipop | = ₹2.50 | Step 1: Multiply |
|---------------------|----------------|---------------------|
| Cost of 4 lollipops | =₹2.50 | 50p × 4 |
| | × 4 10 . 00 | Step 2: Multiply |
| Cost of 4 lollipops | =₹10 | ₹2×4 adding |

Step 1: Multiply paise 50p × 4 = 200p = ₹ 2

Multiply rupees ₹ 2 × 4 = ₹ 8 and adding with ₹ 2 = ₹ 10



Unit cost



- Rajan bought 3 litres of coconut oil at ₹ 150 per litre. Find the total cost paid by Rajan.
- 2) Priya bought 8 bananas for ₹ 32. Find the cost of one banana.

Practice

- 3) If 6 apples cost ₹ 108, how much will one apple cost ?
- 4) Vijaya bought 35 eggs at ₹ 3 per egg. Find the total cost.

| 1. |
|-------|
| A |
| 2 112 |
| - Jun |

Estimate to the nearest rupees

| Amount | Estimated cost | Reason |
|--------|----------------|-----------------------------------|
| ₹15.20 | ₹ 15 | 20 paise is less than 50 paise |
| ₹18.80 | ₹19 | 80 paise is more than 50 paise |



Estimate

Vivek bought a soap cake for ₹ 22.40, a tooth brush for ₹ 18.70 and tooth paste for ₹ 35.50. He prepared the estimation to close the nearest one rupee.

| Items Purchased | Actual cost | Estimated cost | Difference in paise |
|--------------------|-------------|----------------|---------------------|
| Soap cake | ₹22.40 | ₹ 22 | 40 p |
| Tooth brush | ₹18.70 | ₹19 | 30 p |
| Tooth paste | ₹ 35 . 50 | ₹36 | 50 p |
| Total | ₹ 76.60 | ₹ 77 | - |

Leena wants to make rava sweets. She wants to estimate the expenditure to the nearest ten rupees. She draws the following estimation table.

| Items | Quan- | Actual | Estimated | Difference in |
|------------|-------|--------|-----------|---------------|
| required | tity | cost ₹ | cost ₹ | ₹ |
| Rava | 1 kg | ₹ 33 | ₹ 30 | ₹3 |
| Sugar | 1 kg | ₹ 47 | ₹ 50 | ₹3 |
| Cashewnuts | 250 g | ₹ 54 | ₹ 50 | ₹4 |
| Ghee | 100 g | ₹ 28 | ₹ 30 | ₹2 |
| Total | | ₹ 162 | ₹ 160 | - |

(Practice)

- 1) Lalitha bought perfume for ₹31.35, hair clips for ₹23.40 and talcum powder for ₹48.60. Estimate the total and find the difference, close to the nearest one rupee.
- Siva bought balloons for ₹ 27, colour paper for ₹ 41 and wall picture for ₹ 63. Find the estimated cost and difference in estimation, close to the nearest ten rupee.











5. PATTERNS

Observe the patterns in geometry

Ceramic tiles





Cement blocks





Patterns are found in nature, in science, in buildings and in mathematics. Patterns in nature are leaves and rocks. Patterns in buildings are shown in the above ceramic tiles and cement blocks.

Colour the given geometrical patterns.











Complete the geometrical pattern.



Patterns in Numbers

Complete the pattern and write the numbers.



Number patterns in addition and subtraction

1) Observe the number patterns and fill in the blanks.



9, 15 , 21 , 27, ____, ____, ____, ____

2) Six number cards are taken in order and two numbers are added as shown below.

In the same way, take any six number cards in order and check the total.



3) Twinkling stars

In the given figure add the numbers in a straight line.

- 1 + 5 + 9 = 15
- 2 + 5 + 8 = 153 + 5 + 7 = 15









5) Magic star.



Sum of the numbers in each straight line is 24



Complete the magic star.



Sum is 30. Use the numbers 9, 11, 12, 13 and 15 in the empty boxes.



Fun with number patterns



Write the numbers from 1 to 9 and reverse the order, add and observe.

 $\begin{array}{r}1&2&3&4&5&6&7&8&9\\ +&9&8&7&6&5&4&3&2&1\\ \hline1&1&1&1&1&1&1&1&0\end{array}$

Do you find any pattern? Oh yes, one is repeated nine times followed by 0. Write the numbers from 2 to 9 and reverse the order as shown and add. Enter the result and your findings.

Yes, I will.

Yamini.

2 3 4 5 6 7 8 9 + 9 8 7 6 5 4 3 2

Observe the number patterns and complete it.

| $(2 \times 2) - (1 \times 1) = 3 = 2 + 1$ | (5 x 5) – (4 x 4) = = |
|---|---------------------------|
| $(3 \times 3) - (2 \times 2) = 5 = 3 + 2$ | (6 x 6) – (5 x 5) = = |
| $(4 \times 4) - (3 \times 3) = 7 = 4 + 3$ | (7 x 7) – (6 x 6) = = |

Fill in the table by increasing and decreasing 10 or 100.

| 826 | 726 | | | 426 | 226 | |
|-----|-----|-----|-----|-----|-----|-----|
| 900 | | | 870 | 860 | | |
| 310 | 320 | | | | | 380 |
| | 106 | 206 | | | | |



Number patterns in multiplication and division Observe the following pattern and complete it. 1) 10A 20B 40C

2) 1000, 500 1100, 550 1200,___ 1300,_ 1400, 1500.

| 3) 20 x 9, 18 x 10 | 30 x 9, 27 x 10 | 40 x 9, |
|--------------------|-----------------|---------|
| 50 x 9, | 60 x 9, | 70 x 9, |

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| 4) | 2 | 4 | 8 | 16 | | |
|----|---|----|----|-----|--|--|
| | 2 | 6 | 18 | 54 | | |
| | 2 | 8 | 32 | 128 | | |
| | 2 | 10 | 50 | 250 | | |
| | 2 | 12 | | | | |

5) Magic square.

30 and 50. Arrange the numbers as shown. Add the numbers in a straight line. The total is 90.

| 30 | 10 | 50 | | 30 10 |
|----|----|----|---|----------|
| 50 | 30 | 10 | + | 50 |
| 10 | 50 | 30 | | 90 |

Complete the magic square.

Take three multiples of ten say, 10, In the same way, take any three multiples of ten, Arrange the numbers in squares such that when the numbers are added in a straight line or crosswise the total must be the same.





Number patterns in multiples of nine

Complete the 9th table.

Complete the addition.



- \triangleright The digits in tens place
- The digits in ones place \triangleright
- The digits in tens place are in \triangleright order.
- The digits in ones place are in \triangleright order.

Fun with 9

- Take any three digit number Multiply by 9 Add the digits in the product until a single digit is found
- ▶ 736
- ▶ 736 x 9 = 6624
- \bullet 6+6+2+4=18
- ▶ 1 + 8 = 9

Practice

1) 437 x 9 = _____ 2) 336 x 9 = ____ 3) 167 x 9 = ___



Grouping into nine

Teacher gave 41 pencils to Vishal and 36 to Varsha. Ask them to make bundles so that each bundle has 9 pencils.



Vishal had 5 extra pencils after bundling 41 pencils into 4 bundles Varsha bundled 36 pencils into 4 bundles. There is no extra pencil.

Casting out nine

Complete the following.

| 81 – 9 = 72 | ⇒ | 7 + 2 = 9 |
|-------------|---|-----------|
| 72 – 9 = 63 | ⇒ | 6 + 3 = 9 |
| 63 - 9 = 54 | ⇒ | |
| 54 - 9 = 45 | ⇒ | |
| 45 - 9 = 36 | ⇒ | |
| 36 - 9 = 27 | ⇒ | |
| 27 – 9 = 18 | ⇒ | |
| 18 - 9 = 09 | ⇒ | |
| 09 - 9 = 00 | ⇒ | |
| | | |

When 9 is subtracted from multiple of 9, the remainder is a multiple of 9. The sum of the digits in the remainder is 9.

| 89 - 9 = 80 | ⇒ | 8 + 0 = 8 |
|-------------|---|-----------|
| 80 - 9 = 71 | ⇒ | 7 + 1 = 8 |
| 71 - 9 = 62 | ⇒ | |
| 62 - 9 = 53 | ⇒ | |
| 53 - 9 = 44 | ⇒ | |
| 44 - 9 = 35 | ⇒ | |
| 35 - 9 = 26 | ⇒ | |
| 26 - 9 = 17 | ⇒ | |
| 17 - 9 = 08 | ⇒ | |
| | | |

When 9 is subtracted from other than multiple of 9, the remainder is not a multiple of 9. The sum of the digits in the remainder is less than 9.





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Complete the number patterns.

| 7 | , | 39, | 29, | 19, | 9, | 1) |
|-------|---|------|------|------|------|----|
| , | 7 | 37, | 46, | 55, | 64, | 2) |
| 7 | , | 46, | 37, | 28, | 19, | 3) |
| | , | 424, | 323, | 222, | 121, | 4) |
| | , | 309, | 409, | 509, | 609, | 5) |

Revision

6) 3 12 1 13 15 9 10 4 7 2 16 8 14 11 5 6

Numbers from 1 to 16 are arranged in the square. Find the total of numbers vertically, horizontally and diagonally. Arrange the totals in increasing order. What do you find?

Observe and complete the following.



The numbers from 1 to 15 are arranged in a horse shoe pattern. Add two consecutive numbers.

ર્ગ્ય ં



 $12 + 4 = _ = _$ $4 + 5 = _ = _$ $5 + 11 = _ = _$ $14 + 2 = _ = _$ $7 + 9 = _ = _$



6. DATA HANDLING

Pictograph

Children went to a zoo. They listed the animals seen in the zoo through a pictograph as shown here.

| Monkey | |
|----------|--------------|
| Elephant | |
| Tiger | |
| Deer | र्स से से से |
| Bear | |
| | |



The number of animals seen by them in the zoo are given below:

- 1) Number of elephants = 10
- 2) Number of tigers = 15
- 3) Number of bears = 10
- 4) Number of deers = 25
- 5) Number of monkeys = 30





Practice

The following pictograph shows the number of books sold in a bookshop in 5 days. Answer the following questions from the pictograph.

| Monday | | | | | |
|--------------------------------------|-----------|----------|-------|--|--|
| Tuesday | | | | | |
| Wednesday | | | | | |
| Thursday | | | | | |
| Friday | | | | | |
| | | represe | nts 7 | | |
| 1) Number of b | ooks sold | on Mono | day | | |
| 2) Number of books sold on Tuesday | | | | | |
| 3) Number of books sold on Wednesday | | | | | |
| 4) Number of books sold on Thursday | | | | | |
| 5) Number of b | ooks sold | on Frida | Ŋ | | |
| | | | | | |

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Pictograph - Another way.

We are in a Park



Children are playing and enjoying in the park.

- 1) 18 children are playing on the merry-go- round.
- 2) 12 children are skipping.
- 3) 16 children are sliding.
- 4) 2 children are playing in the see-saw.

represents 2 children. We can draw pictograph as follows.

| Skipping | |
|----------------|--|
| Slider | |
| See-saw | |
| Merry-go-round | |

Representation of information by pictures is called a **pictograph**.



Our favourite food.



Fill in the blanks using the pictograph given below.

| \triangle represents 3 children. | | | | | | |
|------------------------------------|-----------------|--|--|--|--|--|
| Idly | | | | | | |
| Dosa | | | | | | |
| Pongal | | | | | | |
| | | | | | | |
| Aappam | $\Delta \Delta$ | | | | | |

- 1) ____ children like idly.
- 2) ____ children like dosa.
- 3) ____ children like pongal.
- 4) ____children like aappam.
- 5) ____ is liked by many children.

Complete the pictograph. Colourful shirts



There are 40 yellow shirts, 20 blue shirts, 30 orange shirts and 60 green shirts in a textile shop.

represents 10 shirts.

| Yellow shirts | |
|---------------|--|
| Blue shirts | |
| Orange shirts | |
| Green shirts | |





From the circle chart : 20 children are playing with car toys. 10 children are playing with aeroplane toys. 10 children are playing with teddy bear toys.

Complete the circle chart for the following data.

Children's day



60 children participated in three competitions as given below.

30 of them participated in riddle competition.

20 of them participated in drawing competition.

10 of them participated in fancy dress competition.







Collection of data

Medal list of first five places of countries that participated in the Commonwealth Games held in New Delhi 2010.

| Country | Gold | Silver | Bronze | Total |
|--------------|------|--------|--------|-------|
| Australia | 74 | 55 | 48 | |
| India | 38 | 27 | 36 | |
| England | 37 | 59 | 46 | |
| Canada | 26 | 17 | 32 | |
| South Africa | 12 | 11 | 10 | |

Answer the following from the table.

- Which country was in second place?
- Find the total medals of country viz.
- Which country got maximum medals?



Information collected in the form of numbers is called data.





Write the number of students studying in your school.

| Name of | the school: | Date: | | |
|---------|-------------|-------|-------|--|
| Std | Boys | Girls | Total | |
| I | | | | |
| II | | | | |
| III | | | | |
| IV | | | | |
| V | | | | |
| Total | | | | |

Answer the following from the table.

- Which class has more number of students? _____
- Which class has more number of boys? _____
- Total number of students is _____









1) Children are coming to a school by walk, by bus and by bicycle. Answer the question from the pictograph given.

| Walk | * * * * * * * * | | | | | |
|---------|-----------------|--|--|--|--|--|
| Bus | | | | | | |
| Bicycle | | | | | | |
| | | | | | | |

children come to school on foot.

- children come to school by bus.
- children come to school by bicycle.
- Most of the children come to school by _____.

2) An author has 120 Tamil story books, 30 English story books, 90 Hindi story books and 80 Urdu story books. Prepare a pictograph.



A Fruit Juice vendor uses 100 fruits for making juice. Number of fruits used are given by circle chart. Find the number of mangoes, oranges and apples.

represents 5

4) In a residential apartment, $\frac{1}{5}$ of people have car, $\frac{3}{5}$ of people have motor cycle and the remaining people have bicycle. The total number of people is 500. Draw a circle chart and find out the number of people who have car, motor cycle and bicycle.



'I can, I did' Student's Activity Record

Subject:

| SI. No | Date | Lesson No. | Topic of the Lesson | Activities | Remarks |
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