

SEAS PRACTICE MATERIAL

CLASS - VI



STATE COUNCIL OF EDUCATIONAL RESEARCH & TRAINING

401

I. Applies operations of numbers in daily life situations.

1. Raju wanted to buy a smart TV and Refrigerator on the festival of Diwali. Smart TV cost ₹ 25117 Refrigerator cost ₹ 18350. How many has to pay TV shop owner. []

A) ₹ 33467 B) ₹ 43467 C) ₹ 6367 D) ₹ 53467

2. Look at Item and their cost



Every 5000/- above items get 2000/- discount.

If bunny bought A.C and Computer how much amount he has to pay to shop keeper

A) Rs.33,467 B) Rs.43,467 C) Rs.6367 D) Rs. 53,467

3. Raghu's family was going to circus. Ticket cost Adult ₹ 150 children ₹ 100 []



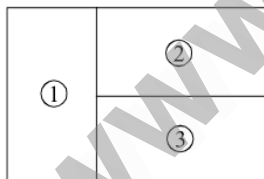
How much amount has to pay ?

A) ₹ 300 B) ₹ 200 C) ₹ 500 D) ₹ 700

4. Raju's family planing to go to Ooty. They want to travel by car. Ooty was 750 km away from their village. Their car fuel consumption is 15 km per litre. How many litres of petrol is needed cost is 115/- per litre. []

A) 30 lit B) 35 lit C) 50 lit D) 56 lit

5.



Total = 7893

3 parts

each plat = ?

- A gardener has a rectangular garden measuring 7893 sq. mts. If he divide it into 3 equal rectangular plots, as given above what will be the area of 3rd plot ? []

A) 7890 Sq.m B) 3946 Sq.m C) 2631 Sq.m D) 7896 Sq.m

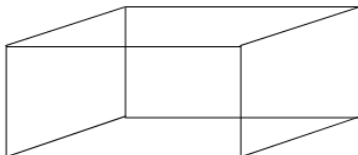
[Turn Over

6. Yashu went to his grand mother village in summer vacation. Daily he spent 420 minutes for reading and playing. How many hours he spent for reading and playing?
A) 6 hours B) 7 hours C) 8 hours D) 12 hours
7. Raju went to the shop to buy clothes on the occasion of Dussehra. The shopkeeper said that on the occasion of Dussehra, he is giving a discount of ₹ 250 on every purchase of ₹1000. If Raju spends ₹ 8000 How much will he have to pay?
A) 5000 B) 7000 C) 6000 D) 8000
8. Raju went to a shop to buy a new fridge. Sales person told him the actual price as ₹ 13460 and offer price as ₹ 12210 of the fridge. Then how much discount did the shop keeper give on the fridge?
A) ₹ 2350 B) ₹ 1250 C) ₹ 1750 D) ₹ 3000
9. 370 cars can be parked in one parking lot. 5 bikes can be parked per car in the same space. How many bikes can be parked in that place?
A) 1750 B) 1850 C) 1650 D) 1350
10. Raju traveled by train from Vijayawada to Tirupati. The number of train passengers in Vijayawada was 877. 48 people got off the train and 39 people boarded at Tenali stations. After in Nellore station 127 people got off and 136 people got on. What is the number of passengers reached Tirupati?
A) 648 B) 868 C) 877 D) 437
11. Raju traveled from Vijayawada to Chennai by Vande Bharat Train. The ticket price for this was ₹ 2,695 and two days later he reached home by Vande Bharat Train. Ticket price of the train from Chennai to Vijayawada was ₹ 2,390. What is the cost of Raju's journey?
A) ₹ 4985 B) ₹ 5085 C) ₹ 6395 D) ₹ 6285

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II. Explores the area and perimeter of simple geometrical shapes (triangle, rectangle, square) in terms of given shape as a unit.

1. Dheeraj wants to decorate a gift box with Shiny paper. Which shape best represents the top of the gift box []



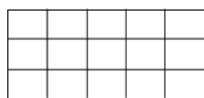
- A) Square B) Circle C) Rectangle D) Triangle

2. Sri Krishna wants to divide 8 equal parts of his circular Dosa. After cutting the shape of each piece look like? []

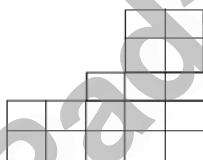


- A) Circle B) Rectangle C) Square D) Triangle

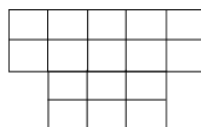
3.



(a)



(b)



(c)

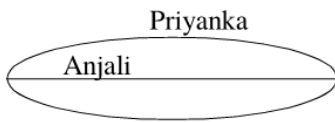
Which shaped carpet occupy more space ?

- A) Carpet (a) B) Carpet (c) C) Carpet (b) D) Carpet (a) and (c) are equal space

4.



Temple



Anjali

Priyanka

Balu



School

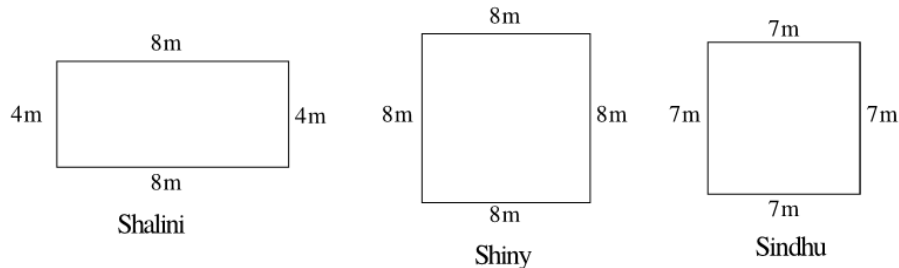
Balu, Anjali and Priyanka were started from temple to their school in various path.

Who reached first to their school []

- A) Anjali B) Priyanka C) Balu D) Balu and Priyanka

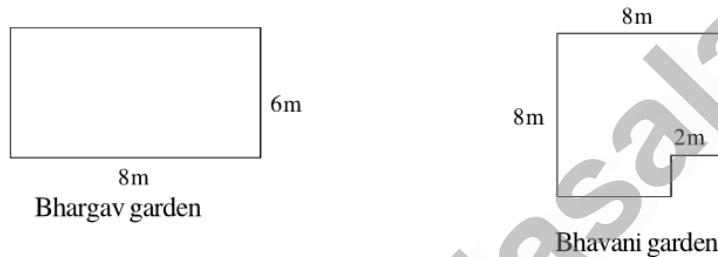
5. Shalini, shiny and Sindhu bought new plots to construct new houses in their village.

Plots measurements were given below. []



Whose plot was more space ?

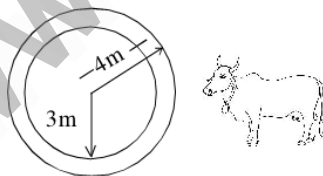
- A) Shiny B) Shalini
 C) Sindhu D) Shalini & Shiny Sindhu had equal space
6. Look at his garden shape of Bhargava and Bhavani



They wants to fence their gardens.

Whose garden consume more wire ?

- A) Bhavani B) Bhargav C) Equal in length D) None
7. Balu has couple of cows named Gouri and Pooja. He tied both of them with 3m and 4m rope at his grass field. Which named cow avail more field to eat grass. []



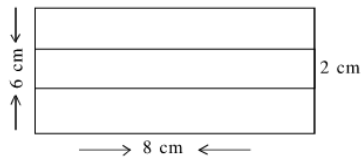
- A) Equal area B) Gouri C) Pooja D) All the area of green field for both of them
8. How many corners have your rectangular shaped class room ? []
- A) 4 B) 6 C) 8 D) 10

9. a. Train track
 b. Opposite edges of your book
 c. Opposite sides of rectangle
 d. X cross roads

Observe above statements which are the example for parallel lines. []

- A) c only B) a & d C) b & c D) c & d has parallel lines

10.



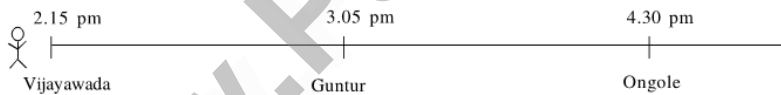
Find the area of the shaded part ? []

- A) 48 sq.cm B) 28 sq.cm C) 16 sq.cm D) 20 sq.cm

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III. Calculates time intervals / duration of familiar daily life events by using forward or backward counting / addition and subtraction.

1. Your father left for market at 7.00 a.m. He reached market at 7.25 a.m. How long did it take him to reach the market ? []
 A) 35 min B) 25 min C) 50 min D) 40 min
2. Look at the picture



Baba travelled from Vijayawada to Ongole.

How much time should be taken to reach Ongole from Guntur []

- A) 65 min B) 85 min C) 75 min D) 55 min



3. Bujji playing a video game. Now the time is 8.15 p.m. He started the game 45 min before. What time he started the game ? []
 A) 8.00 pm B) 8.15 pm C) 7.30 pm D) 6.45 pm

4. Look at the School anniversary invitation shedule.

Prayer	9.00 am
Initial words by HM	9.05 am
Welcome dance	9.25 am
Speech by School teacher	9.40 am
Skit about health & heigene	9.55 am
Song by students	10.15 am
Prize distribution	10.25 am
National Antham	11.05 am

What time taken from health higene skit to prize distribution. []

- A) 30 min B) 25min C) 20 min D) 15 min

5. Satya started reading a book at  and ended at . How much time satya read the book ?

- A) 1:25 min B) 1:45 min C) 1:35 min D) 1:40 min

6. Radha spends 30 minutes on reading in the morning and another 45 minutes in the evening. How much time did she spend reading in total ? []

- A) 1hr. 15 min B) 60 min C) 1hr 05 min D) 2 hrs.

7. Ramesh daily activities are given in the below table.

S.No.	Daily activity	Time
1.	Brushing	10 min
2.	Exercising	40 min
3.	Bathing	35 min
4.	Breakfast	25 min

After breakfast he has 10 minutes walk to school. School opens at 9:00 am.

Then what is the time Ramesh wakes up ? []

- A) 6:30 am B) 7:20 am C) 8:10 am D) 7:00 am

8. How many minutes are there in a day ? []

- A) 1420 min B) 1340 min C) 1320 min D) 1440 min

9. Raju started watching a movie at 9:25 am and ended at 12 :15 pm. How many minutes he watched the movie ? []

- A) 180 min B) 150 min C) 170 min D) 160 min

10. Raju left with his family on February 28, 2023 from Vijayawada to New Delhi by car at 6AM. Raju reached New Delhi on 1st March 2023 at 4PM. How much time did he took to reach New Delhi? []

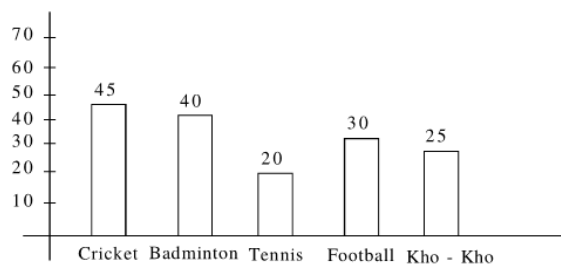
- A) 74Hrs B) 54 Hrs C) 34 Hrs D) 24 Hrs

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IV. Represent the collected information in tables and bar graphs and draws inferences from these

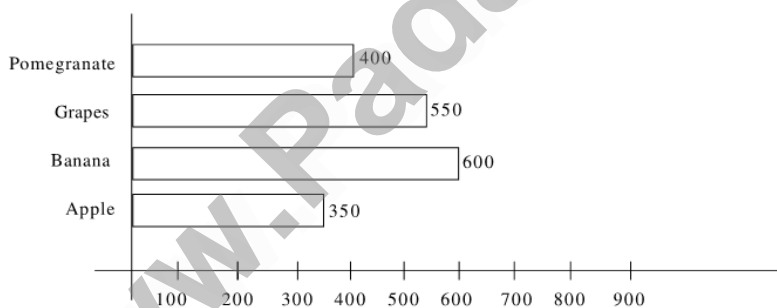
1. A school conducted a survey to know the favourite sports of the students.
The graph is as below

[]



Now which of the following statement is correct.

- 1) No. of students liked to play Tennis was greater than Badminton.
 - 2) No. of students liked to play foot ball is less than Kho- Kho
 - 3) No. of students liked to play cricket is greater than all the sports.
 - 4) No. of students liked to play Badminton is less than all the sports.
- A) 1 only B) 2 only C) 3 only D) 4 only
2. A survey was conducted in a village to know their favourite fruit. The details are as shown in the graph.




Now find the total no. of villagers participated in the survey.





[]

- A) 2000 B) 1900 C) 1800 D) 1700

3. The number of cars sold in a week the month of February - 2023 as shown in figure

February - 2023

 = 25 cars

Week	No. of cars sold	
1 st week		2 cars
2 nd week		4 cars
3 rd week		3 cars
4 th week		6 cars

As per table find the correct one.

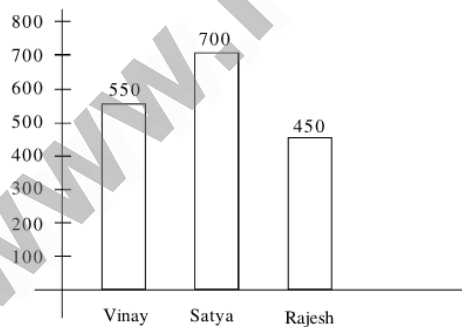
- The sum of first 2 weeks is lesser than 3rd week
 - The sum of last 2 weeks is greater than the sum of first 2 weeks
 - The sum of 2nd & 3rd week is lesser than the 4th week.
 - The sum of 1st & 3rd is greater than the sum of 2nd & 4th week
- A) a only B) b only C) c only D) d only
4. Here is table of Top 5 ODI run scored list. Observe and answer the question.

S.No.	Name of the players	Runs scored
1.	Sachin Tendulkar	18426
2.	Kumar Sangakara	14234
3.	Ricky Pointing	13704
4.	Sanath Jaya Surya	13430
5.	Virat Kohli	13027

Difference between the highest & lowest runs in the table. []

- A) 5299 B) 4895 C) 4789 D) 5399

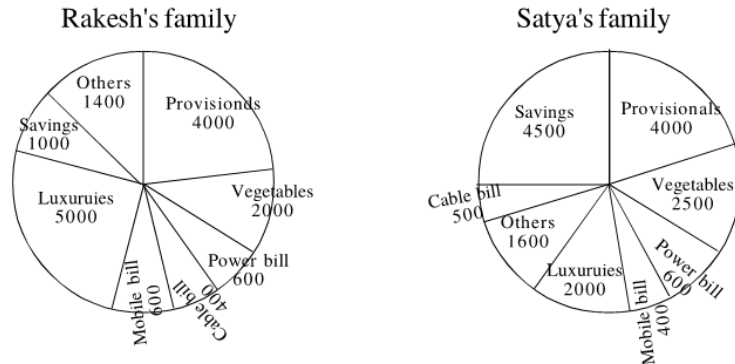
5. In a village election No. of votes polled to a candidate is shown in the below bar graph.



Now who gets the least votes ? []

- A) Vinay B) Rajesh C) Satya D) Rajesh & Satya

6. A pie- chart showing the budget of two families with equal income are given below.
Let us observe.



Which family spends more on savings ?

- A) Rakesh's family B) Satya's family
C) A & B D) None of the above

501

V. Read and writes numbers bigger than 1000 being used in her/ his surroundings.

1. How will you express 2023 ? []
A) $20 + 2000 + 23$ B) $20 + 3 + 2000$
C) $2000 + 200 + 3$ D) $20 + 23 + 2000$
2. Write the number one less than four digit smallest number. []
A) $9999 - 1$ B) $9999 + 1$ C) $1000 + 1$ D) $1000 - 1$
3. 'Seven thousand seventy' write the standard form ____ []
A) 7007 B) 7707 C) 7070 D) 7077
4. Chart shows person walked in morning walk distances.

Person	Distance
Ravi	8090 Feet
Raju	9088 Feet
Giri	9808 Feet
Murali	8909 Feet
Vamsi	8009 Feet

Who walked more distance ?

- A) Raju B) Ravi C) Giri D) Vamsi

5. $50,000 + 5 + 200 + 1000 = \underline{\hspace{2cm}}$
 Above expansion Represent the number _____ []
 A) 50125 B) 51205 C) 55105 D) 52105
6. Which of the following number is greater than 1800 but less than 2000? []
 A) One thousand nine hundred and ninety nine
 B) Two thousand one hundred
 C) One thousand one hundred fifty
 D) Two thousand three hundred
7. If you add 1234 and 567, what is the result ? []
 A) 1801 B) 1701 C) 1791 D) 2001
8. Jersey number of the players.

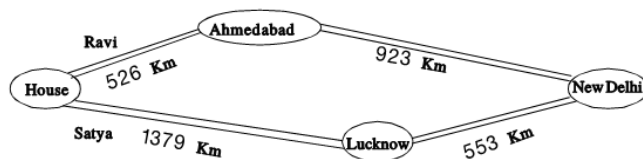
8275	8725	7528	7852
Kavya	Nalini	Sudha	Radha

 Arrange the players according to their Jersey numbers in descending order []
 A) Kavya, Nalini, Radha, Sudha
 B) Nalini, Kavya, Sudha, Radha
 C) Sudha, Radha, Kavya, Nalini
 D) Nalini, Kavya, Radha, Sudha
9. Raju, Ravi and Satya are playing with flash cards.

Raju Selected Cards	Ravi Selected Cards	Satya Selected Cards
<div style="border: 1px solid black; padding: 2px; text-align: center;">8</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">6</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">9</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">0</div>	<div style="border: 1px solid black; padding: 2px; text-align: center;">5</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">8</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">9</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">1</div>	<div style="border: 1px solid black; padding: 2px; text-align: center;">4</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">8</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">7</div> <div style="border: 1px solid black; padding: 2px; text-align: center;">5</div>

 Now find the difference between the largest and smallest 4-digit numbers.
 A) 8271 B) 7271 C) 8371 D) 7371

10. Ravi and Satya are brothers. They started to New Delhi in different routes from their Village.



Which of the following statement is correct?

1. Ravi travelled more than Satya
2. Ravi travelled less than Satya
3. Ravi, Satya travelled same distance
4. Satya travelled less than Ravi

A) 1 only B) 2 only C) 3 only D) 4 only

11. The prices of goods in an electronic shop are as follows.

Sno	Item	Cost
1	Fridge	Sixteen thousand seven hundred and thirty
2	Television	Twenty eight thousand nine hundred
3	Air conditioner	Twenty four thousand seven hundred and forty five
4	Washing Machine	Nineteen thousand three hundred
5	Computer	Twenty thousand five hundred and forty

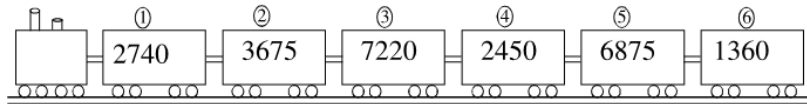
Which item has '0' in thousands place?

A) Fridge B) Television C) Computer D) Washing Machine

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VI. Estimates sum, difference, product and quotient of numbers and verifies the same using different strategies like using standard algorithms or breaking a number and then using operation.

1. Here is a kids train. All the compartments have their numbers on them.

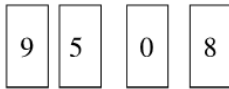


Estimate the whose sum is 5000. []

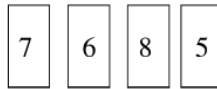
- A) 1 & 4 B) 2 & 5 C) 2 & 4 D) 3 & 4

2. Raju & Ravi are playing with flash cards.

Raju selected



Ravi selected



Estimate the difference between greatest and smallest numbers formed by

Raju & Ravi respectively []

- A) 4000 B) 6000 C) 5000 D) 3000

3. Ravi and Raju played video game. Ravi scored 5798 points and Raju scored 2358 points.

Estimate the sum of their points. []

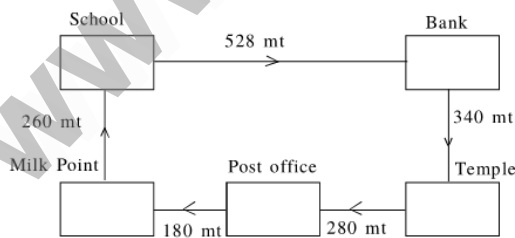
- A) 7000 B) 8000 C) 9000 D) 6000

4. In a village 2637 male voters and 627 more woman voters than male voters.

Estimate total voters in a village. []

- A) 3000 B) 4000 C) 5000 D) 2000

- 5.



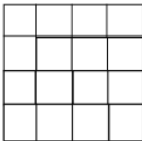

Estimate the distance from school to temple. []

- A) 500 mt B) 600 mt C) 700 mt D) 800 mt

6. In a library there are 4158 books in a room. Total books in a library are 7 times more than in a room. Estimate the total books in a library ? []
 A) 20000 B) 30000 C) 40000 D) 50000
7. Exam was started on 2:45 pm. The exam is estimated to last 1 hour and 15 minutes. What time do you expect the Exam to end ? []
 A) 4.00 pm B) 4.15 pm C) 3.30 pm D) 5.00 pm
8. You estimate that it takes 40 minutes to prepare dinner by your mother. If you want to have dinner ready by 7.00 pm. What time do you need to start cooking ? []
 A) 6.20 pm B) 6.10 pm C) 6.30 pm D) 6.40 pm
9. Estimate the number of vehicles manufactured in a week, which is 32,840 cars manufactured in a year? []
 A) 7600 B) 3600 C) 6600 D) 4600

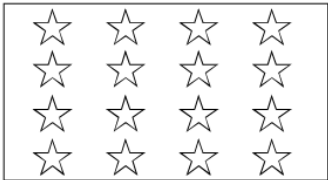
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VII. Finds the number corresponding to part of a collection.

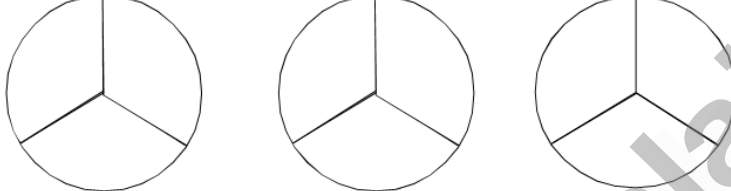
1. If there are 20 red balls out of 37 balls in a box. What fraction of the collection is red ? []
 A) $\frac{37}{20}$ B) $\frac{20}{37}$ C) $\frac{2}{3}$ D) $\frac{3}{7}$
2.  Express the shaded part in fraction. []
 A) $\frac{16}{15}$ B) $\frac{16}{16}$ C) $\frac{11}{16}$ D) $\frac{5}{16}$
3.  Express the unshaded part in fractions. []
 A) $\frac{1}{7}$ B) $\frac{6}{7}$ C) $\frac{7}{7}$ D) $\frac{4}{7}$
4. In a class of 30 students, 17 were boys. Express the number of girls in the class in fractions. []
 A) $\frac{17}{30}$ B) $\frac{30}{13}$ C) $\frac{13}{17}$ D) $\frac{13}{30}$

5. In a 5th class 12 students are there. 5 students have bicycles. Remaining students are come to school by walk. What fraction of the students have bicycles. []

A) $\frac{1}{2}$ B) $\frac{1}{4}$ 3) $\frac{5}{12}$ D) $\frac{7}{12}$

6.  Raju shaded 4 stars red colour. 4 stars green colour. What part he shaded red colour. []

A) $\frac{8}{16}$ B) $\frac{1}{2}$ C) $\frac{1}{4}$ D) $\frac{3}{4}$

7.  Which fraction represents shaded part of the above diagram. []

A) $\frac{4}{9}$ B) $\frac{5}{9}$ C) $\frac{3}{9}$ D) $\frac{6}{9}$

8. Siva reads the story book. He read $\frac{1}{3}$ rd of pages in the book. Which part left he read in the book ? []

A) $\frac{5}{3}$ B) $\frac{2}{3}$ C) $\frac{1}{3}$ D) $\frac{4}{3}$

9. Manju has 3500/- rupees in his savings bank account. He withdraw 700/- rupees for purchase of shoes. How much he left in bank account ? []

A) 4200 B) 2800 C) 4400 D) None

10. Which measuring cup shows $\frac{3}{4}$ of cup full ? []



A) i only B) i & ii C) iii only D) ii & iv

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VIII. Identifies and forms equivalent fractions of a given fraction.

1. $\frac{3}{4} =$ []

- A)
- $\frac{2}{4}$
- B)
- $\frac{1}{4}$
- C)
- $\frac{6}{8}$
- D)
- $\frac{7}{8}$

2. $\frac{1}{2} = \frac{2}{4} = \frac{3}{6} =$ _____

- A)
- $\frac{4}{8}$
- B)
- $\frac{4}{8}$
- C)
- $\frac{6}{8}$
- D)
- $\frac{7}{8}$

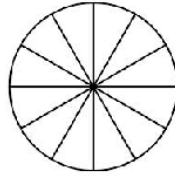
3. Mother send Satya to a shop for 1 kg of joggery. Due non availability of 1 kg joggery packets he decided to take from 1/2 kg packets. How many packets he bring to home ? []

- A) 2 B) 5 C) 3 D) 4

4. $\frac{5}{6} = \frac{A}{12} = \frac{15}{B}$ then $\frac{A}{B} =$ []

- A)
- $\frac{3}{18}$
- B)
- $\frac{5}{9}$
- C)
- $\frac{6}{18}$
- D)
- $\frac{4}{9}$

5.



Cake was cut into 12 equal pieces. And six of them were eaten.

What fraction of the cake remains ?

- A)
- $\frac{1}{12}$
- B)
- $\frac{1}{2}$
- C)
- $\frac{1}{4}$
- D)
- $\frac{3}{4}$

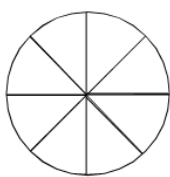
Ans :

6. Ravi reads $\frac{3}{4}$ part of a story book. I which part he remain left in fractional form. []

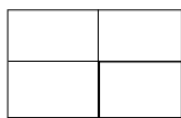
- A) 0.5 B) 0.75 C) 0.25 D) 1.25

Ans :

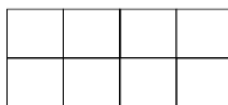
7.



(i)



(ii)



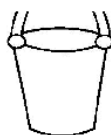
(iii)

Which of the above picture have equally shaded part ?

- A) i & ii B) i & iii C) ii & iii D) All of the above

Ans :

8.



1 mug = 2 glasses

1 bucket = 20 mugs

Raju and Ravi are filling water in a bucket with the help of mug and glasses of different sizes. 20 mugs of water is required to fill the bucket. Raju poured 10 mugs of water and Ravi poured 2 mugs of water into the bucket. Now which fraction represents the volume of water in the container?

- A) $\frac{1}{2}$ B) $\frac{12}{2}$ C) $\frac{12}{20}$ D) $\frac{6}{20}$

9. How many triangles have to be shaded to $\frac{1}{3}$ rd of the given picture?



- A) 5 B) 6 C) 3 D) 9

508

IX. Converts fractions into decimals and vice versa.

1. What is the decimal representation of $\frac{7}{10}$ []

- A) 0.07 B) 0.7 C) 0.75 D) 1.4

Ans :

2. $0.75 \times \underline{\hspace{2cm}} = 0.075$

- A) 10 B) 100 C) 1000 D) $\frac{1}{10}$

Ans:

3. Bunny ate 0.25 part in an apple. Remaining part was give to her sister. How much part apple she ate ? []

- A) $\frac{1}{2}$ B) $\frac{1}{4}$ C) $\frac{3}{4}$ D) $\frac{2}{4}$

Ans:-

4. Balu coloured safron colour on flag pole of $\frac{1}{3}$ rd part, $\frac{1}{3}$ rd part of white colour, remaining part he coloured green. In which decimal fraction he coloured gree ? []

- A) 0.75 B) 0.25 C) 0.125 D) 0.333

Ans :

5. Express shaded part in decimal fractions. []

- A) 0.075
B) 0.75
C) 7.5
D) 75



Ans : B

6. Convert the fraction $\frac{2}{5}$ into a decimal. []

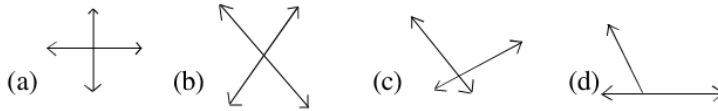
- A) 0.2 B) 0.5 C) 0.4 D) 0.6

Ans :

509

X. Classifies angles into right angle, acute angle, obtuse angle and represents the same by drawing and tracing.

1.



Where we identify the obtuse angle

[]

A) Diagram - 'a' B) Diagram - 'b' C) Diagram - 'c' D) Diagram - 'd'

2. Open book image

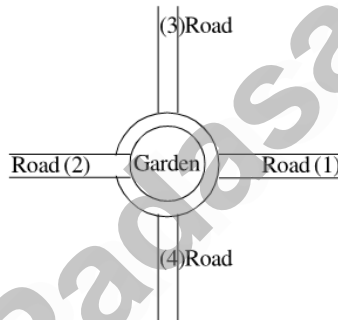
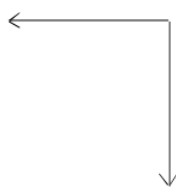


Observe the above open book image. The angle formed between the two pages when the book is partially opened

[]

A) Acute B) Obtuse C) Right D) Straight angle

3.



Bindu and Roja were friends. They met at garden, they spent same time happily in the garden. Later Bindu went Road - (2), Roja went Road - (4). When we observe which type of angle we observe these two roads.

[]

A) Acute B) Right C) Obtuse D) Straight

4. Statement - 1 : Corners of your classroom

Statement - 2 : At 4 'o' clock, angle between hours, minutes hands.

Statement - 3 : Edges of your book.

Statement - 4 : Partly opened door.

When we observe above situations where we observe obtuse angles.

[]

A) Statment - 1, 4

B) Statement - 2, 3

C) Statement - 3 only

D) Statement - 4 only

Group - A	Group - B	Groups - C
$30^\circ, 88^\circ$	$95^\circ, 125^\circ$	$39^\circ, 129^\circ$
$55^\circ, 27^\circ$	$37^\circ, 58^\circ$	$55^\circ, 88^\circ$
$90^\circ, 67^\circ$	$90^\circ, 88^\circ$	112°

Statement - 1 : Only acute angles in group - A

Statement - 2 : Acute and obtuse angles in group - C

Statement - 3 : Acute, obtuse and right angles in Group - B

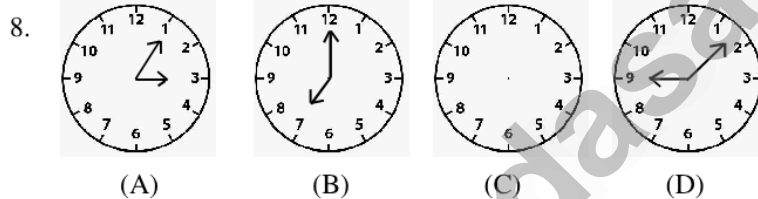
Statement - 4 : Only obtuse angles in Group - B

Which one is true in above statements. []

- A) Statement - 1 B) Statement - 2, 3
C) Statement - 4 D) Statement - 2, 4

6. When you sit at a square table, how many rightangles do you observe at the corners []
A) 3 B) 5 C) 4 D) 8
7. When you sit at a desk and your arms form a 90° - degree angle with the table, what type of angle is this ? []

- A) Obtuse B) Acute C) Right angle D) Straight angle



Which of the above represents acute angle []

- A) B only B) A only C) A & B D) All the above

512

X. Relates different commonly used larger and smaller units of length, weight and volume and converts larger units to smaller units and vice versa.

1. Sindhu went to pachari shop for red gram. She observed the weight on electronic weighing machine was 2500 grams. Weight on kgs. []
A) 25kg
B) 250 kg
C) $2\frac{1}{2}$ kg
D) $2\frac{1}{2}$ kg

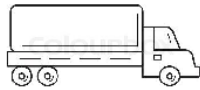


2. a) Water melon
b) A book
c) A butterfly
d) A slice of cake

Which of the above objects would you measure in grams.

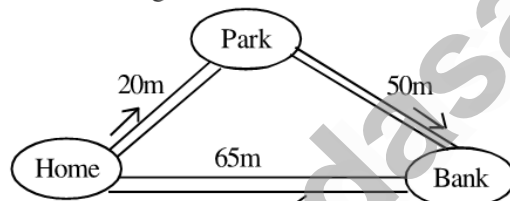
- A) 'c' only B) c & d only C) b only D) a & d only

3. What is the heaviest object of these []



- A) Stone B) Lorry C) Auto D) Car

4. The lorry weighing capacity was 3 tons 500 kg, lorry weighing capacity in quintals is
A) 35 quintals B) 350 quintal C) 305 quintal D) 3050 quintal
5. Sita went to milk dairy to bought some milk packets for their brothers marriage. In the milk dairy 1 lit packets are not available. Only $\frac{1}{2}$ l and $\frac{1}{4}$ l packets are available. She bought $\frac{1}{2}$ lit packets 25 and $\frac{1}{4}$ l packets 24. Find how many lit of milk she bought in dairy []
A) 49 l B) $12\frac{1}{2}$ l C) 24l D) $18\frac{1}{2}$ l
6. Styra went to a tailor for enquiring how much cloth he needed to stich a shirt. The tailor said that 175 cm cloth needed to stich a shirt for him. Convert the above units into metres []
A) 17.5 m B) 1.75 m C) 0.175 m D) 175 m
7. Ramya went to a morning walk from her home she walked as shown in the figure.



- How much distance she walked []
A) 135 cm B) 1350 cm C) 13500 cm D) 13.5 cm
8. Which of the following statement is correct []
i) 1m = 100mm
ii) $\frac{1}{2}$ km = 750m
iii) $\frac{1}{4}$ km = 2500.cm
iv) 1cm = 10mm
A) i & ii B) ii & iii C) iii & iv D) i & iv

9. Here is the heights of the students []

S.No.	Student Name	Height
1	Ramya	137cm
2	Dhanush	145cm
3	Venkat	128cm
4	Deepali	140cm
5	Nithya	130cm
6	Prakash	135cm

Statement 1 : Ramya is shorter than Prakash

Statement 2 : Dhanush is taller than Deepali

Statement 3 : Deepali is Taller than Ramya

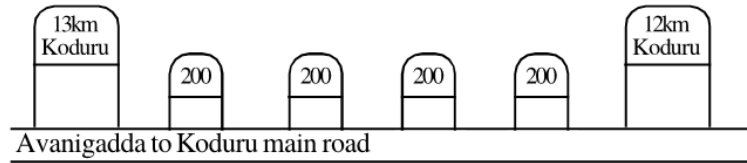
Statement 4 : Prakash is shorter than Venkat

Find the correct statement

[]

- A) 1 & 2 B) 2 & 3 C) 3 & 4 D) 2 & 4

10.



Karthik travelled from Avanigadda to Koduru. He observed a mile stone 13 km to reach koduru, travelling some time later he observed four 200m stones between 13km stone and 12km stone. He many 200m stones appear to reach Koduru.

[]

- A) 48 B) 36 C) 49 D) 60

513

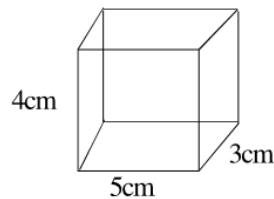
XI. Estimates the volume of abold body in known units.

1. One house over head tank capacity is 15 buckets each bucket contain 20l of water then what is the capacity of overhead tank ?

[]

- A) 35L B) 1500L C) 150L D) 300L

2.

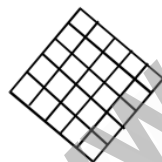


Find out the volume of the above picture.

- A) 15 cm^3 B) 20 cm^3 C) 60 cm^3 D) None of these

3. How many cubes will fit into a solid objects

[]



Cubic
Cuboid image
with grid

- A) 25 B) 125 C) 625 D) 125

4. A square acqarium measures 20cm in length, breadth and height. What is the estimated volume of acqarium


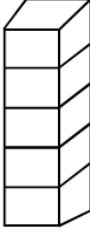
[]

- A) 20cm^3 B) 400cm^3 C) 800cm^3 D) 60cm^3

5. You are packing cubic boxes with side lengths of 5 inches into a larger cubic container with side lengths of 15 inches. How many small boxes can you fit inside the larger container ?

[]


- A) 3 boxes B) 9 boxes C) 12 boxes D) 27 boxes

6. Pick out the units of the volume ? []
 A) cm B) cm^2 C) cm^3 D) sq.cm
7. Find the volume of these shape []
 2 x 2 cube image
- 
- A) 4 boxes B) 16 boxes C) 8 boxes D) 20 boxes
8. A box is 20cm, 18cm and 4 cm measures. How many cubic cm of space will the books keep in it occupy ? []
 A) 1600 cm^3 B) $(20 + 18 + 4) 42 \text{ cm}^3$
 C) 153 cm^3 D) 1440 cm^3
9. Find out the volume of the solid []
- 
- A) 10 boxes
 B) 5 boxes
 C) 12 boxes
 D) 15 boxes
10. A mug water capacity is 60 cm^3 .
 A tub contain 30 mugs of water. Find the capacity of tub ? []
 A) 900 cm^3 B) 1500 cm^3 C) 1800 cm^3 D) 90 cm^3

514

XII. Apples the four fundamental arithmetic operations in solving problems involving money, length, mass capacity and time intervals.

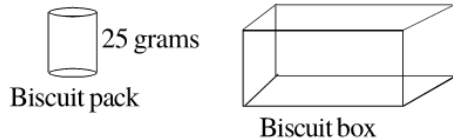
1. Yashu want to spend holidays at his grand mother's home. He travelled 500m by cycle, 2500m by auto and 25km by bus. How much distance far away grand mother's village from his village. []
 A) 28 km B) 25 km C) 27 km D) 26 km
2. In a school, 45 students are there from 3rd to 5th classes. Each student needed 1750 cm cloth to stich for uniform. How much cloth required for 45 students ? []
 A) 78m550cm B) 78m750cm C) 72m750cm D) 72m750cm

- 3.
- 

Above shown cable wire coil has 1235m length. Ravi is an electrician, he get order from 28 houses for wiring entire house. It available is sufficient cable was enough for wiring. In which length of wire was required each house ?

- A) [] B) [] C) [] D) []

4.



In a rectangular shaped box 328 biscuit packets are in the box. Caluclate the weight of the biscuit box. []

- A) 8kg B) 8kg200g C) 8kg60g D) 7kg200g

5.

S.NO	Name of the student	Weight
1	Balu	32kg500g
2	Aswanth	28kg750g
3	Priyanka	27kg
4	Ramya	42kg250g
5	Vasu	35kg
6	Rohith	33kg500g

Observe the table. How much weight is Aswanth less than Ramya ? []

- A) 71kg B) 13.5kg C) 12.5kg D) 13.2kg

6. In a school 28 children from 1st to 5th class 20 students from 6th to 8th class.

1 to 5th	100g
VI - VIII	150g

Total required rice for a day []

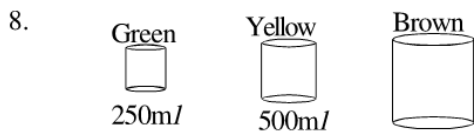
- A) 7.5kg B) 7kg C) 4.5kg D) 6.8kg

7.



A farmer bring $5\frac{1}{2}$ l of milk to milk dairy. How will dairy boy measure $5\frac{1}{2}$ l milk using above 3 jars. []

- A) 4 times lit jar and 5 times measure 200ml jar.
 B) 4 times 1L jar and 5 times 200ml jar and 3 times 100ml jar.
 C) 5 times 1lit jar and 2 times 200ml jar and 1 time 100ml jar.
 D) 5 times 1lit jar and 2 times 200ml jar and 5 times 100ml jar.



Panthu build a new house and he wanted to make decorate with paint. He bough paint tins was given below.

Green	7 tins
Yellow	15 tins
Brown	10 tins

How many lit of paint he bought with yellow and brown paint ?

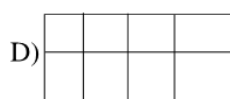
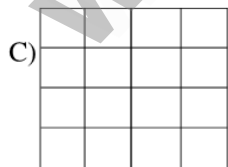
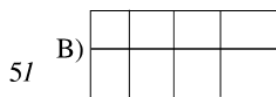
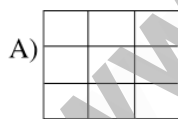
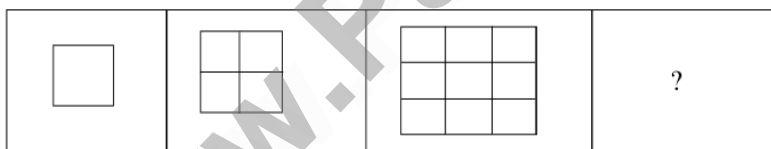
- A) 65l B) $65\frac{1}{2}l$ C) $57\frac{1}{2}l$ d) 57l

9. On the occasion school anniversary children will prepare drink for all the student and teachers .they prepare 38L of drink .To serve the drink with 200ml glass for each and every one. Find the no.of teachers and pupils in the school ?
- A) 19 B) 190 C) 720 D) 7200
10. If you have a water bottle that contains 750 ml of water. If you drink half of it. How many m/ of water have you ?
- A) 150 m/ B) 375 m/ C) 500 m/ D) 750 m/

515





Identifies the pattern in triangular numbers and square number.

1. 1, 4, 9, 16, 25 _____
- A) Even numbers B) Odd numbers
C) Square number D) Triangle numbers
2. Fill the pattern



3. Find the next square number in the given pattern. []
 9, 16, 25
- A) 24 B) 28 C) 36 D) 64
4. Find out the square number between 60 to 70 []
 A) 36 B) 49 C) 64 D) 81
5. 1, 3, 6, 10, 15 are called as []
 A) Odd numbers B) Even numbers
 C) Triangle numbers D) Square numbers
6. Find out the triangle number in the given []
 A) 8 B) 12 C) 14 D) 21
7. 81 is the square number of _____ []
 A) 7 B) 6 C) 8 D) 9
8. What is the difference between 6th and 7th triangular number []
 A) 6 B) 7 C) 8 D) 9
9.

• 1	• • • 3	• • • • • 6	?
--------	------------	----------------	---

 []
- A)  B)  C)  D) 
10. Fill the series []
 1, 4, 25, 36,
- A) 64 B) 81 C) 49 D) 100