# Worksheets

# (Based on Learning Outcomes)

Class- 3



State Council of Educational Research and Training Varun Marg, Defence Colony, New Delhi-110024

### PREFACE

The National Policy on Education 2020 suggests for an increased focus on foundational literacy and numeracy with special focus on reading, writing, speaking, counting, arithmetic, and mathematical thinking throughout the preparatory and middle school education. It also suggests for a robust system of continuous, formative/adaptive assessment to track individualized learning and academic progress.

The academic loss due to Covid -19 pandemic has created a huge learning deficit and students are lagging behind in terms of learning outcomes. Learning Outcomes serve as benchmark for students' achievement in each class and subject. The Learning Outcomes for each class in Languages (Hindi, English and Urdu), Mathematics, Environmental Studies, Science and Social Science up to the elementary stage (Class 1 to 8) have been developed by NCERT and adapted by SCERT Delhi.

To bridge the learning gaps caused by the pandemic and to improve learning levels of students, SCERT Delhi has developed worksheets based on learning outcomes for class 3, 5 and 8. The worksheets for classes 3 and 5 have been developed for subjects: Mathematics, Environmental Studies and Languages (Hindi & English) and for class 8 Science, Mathematics, Social Science and Languages (Hindi & English). Each subject has 10 worksheets with 15 MCQs for each worksheet.

These worksheets are provided for practice purpose to improve the competencies of students. These are exemplar and teachers can frame similar worksheets/questions for practice. Guidelines for teachers are also there in each subject booklet to help teachers get better understanding of objectives and content of the worksheets.

It gives me immense pleasure to hand over these worksheets to teachers, our nation builders who are striving and working hard to impart quality education to students. We all as stakeholders need to work collectively to facilitate our students to attain higher order competencies including critical thinking, creativity, problem solving skills so that they are able to meet contemporary needs and can become responsible citizens who can further contribute for national development and be ready to tackle global challenges.

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# Mathematics Worksheets based on Learning Outcomes (Class-3)

### **Guidelines for Teachers-**

- 1. State Council of Educational and Research Training Delhi has developed worksheets based on learning outcomes for the purpose of practice only.
- 2. There are ten (10) worksheets of fifteen (15) Multiple Choice Questions (MCQs) each.
- 3. Each question is having four choices one of them being the correct answer. The students are to mark the correct answer appropriately using ( $\checkmark$ ) mark:

## For Example-

### Which of the following is the body temperature of a healthy person?

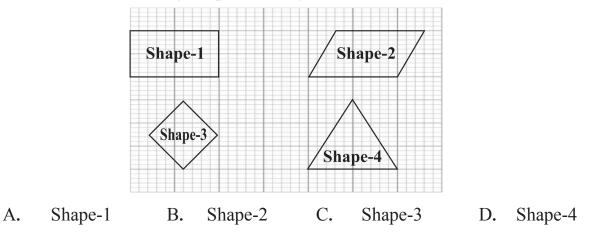
- (A) 99.0°F
- ✓(B) 98.6°F
  - (C) 98.0°F
  - (D) 98.2°F
- 4. Answer key is given at the end of the Worksheets.
- 5. You as Teacher can explain the logic behind the correct answer.
- 6. The teacher should provide ample time for the completion of worksheet.
- 7. Teacher must ensure that each student attempt all the questions.
- 8. Please don't give any clue in finding out the correct answer to the question.
- 9. Students may do the calculation work / rough work in the sheet itself.
- 10. Students may NOT use a calculator or reference materials while completing the worksheet.
- 11. You are advised to prepare more such practice worksheets for the students.
- 12. Teachers should keep a record of the progress of all the students and try to improve the learning outcomes.

# Worksheet-1

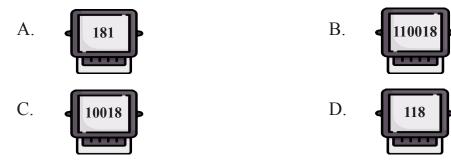
Instructions:- 1. All questions are compulsory.

- 2. Read the questions carefully.
- 3. Tick the correct answer from the options.

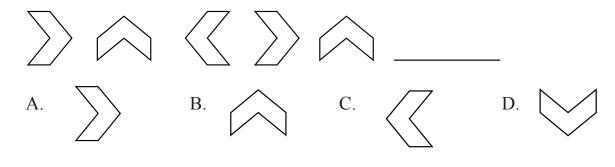
#### 1. Which of the following shape is triangle?



2. Which electricity meter shows reading of one hundred and eighteen units?

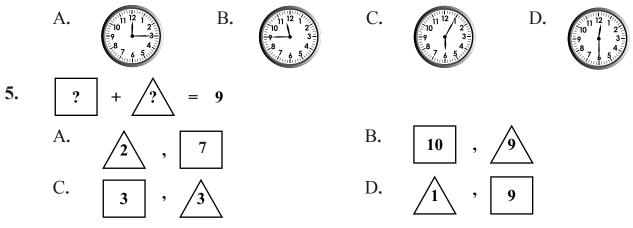


3. Which will be next figure of this pattern?



1

4. Which clock shows half-past twelve?



6. Given board shows classwise number of students.

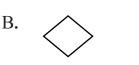
Attendance Board – Date 16/02/2021										
Class	No. of Students	Present Students	Absent Students							
Class-1	28	20	8							
Class-2	30	25	5							
Class-3	32	30	2							
Class-4	35	31	4							
Class-5	40	36	4							

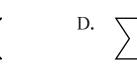
How many students were absent on 16/02/2021?

A. 23 B. 25 C. 28 D. 22

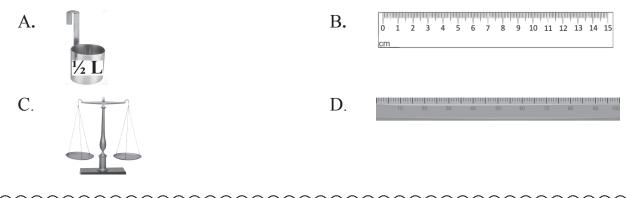
7. Which design will complete the ribbon?



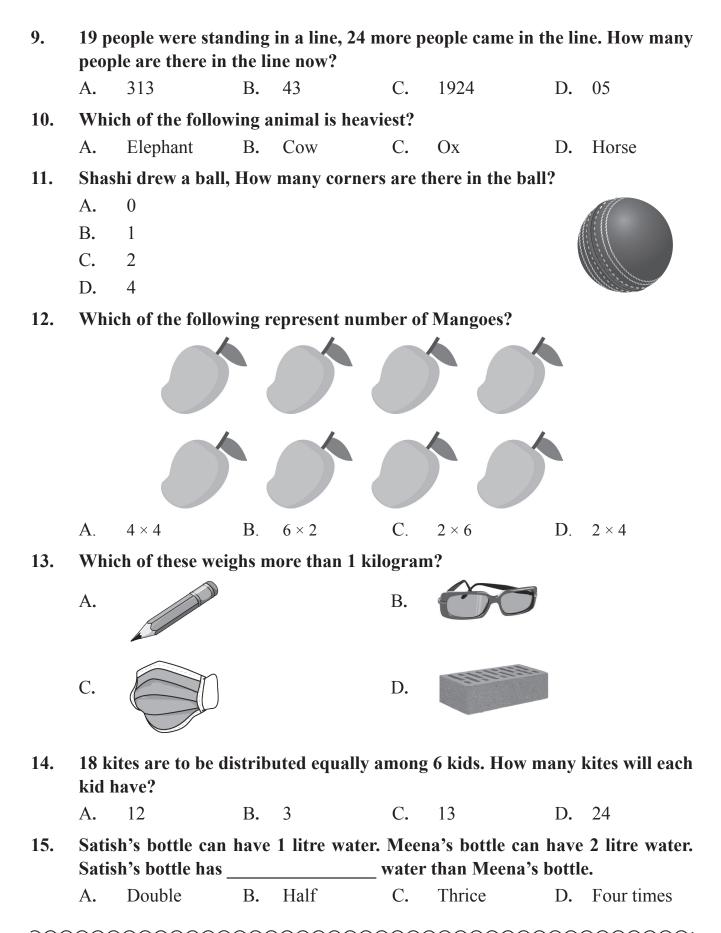




8. Which of these is used to measure the weight of potatoes?



С.



Worksheet-2

# CLASS: 3

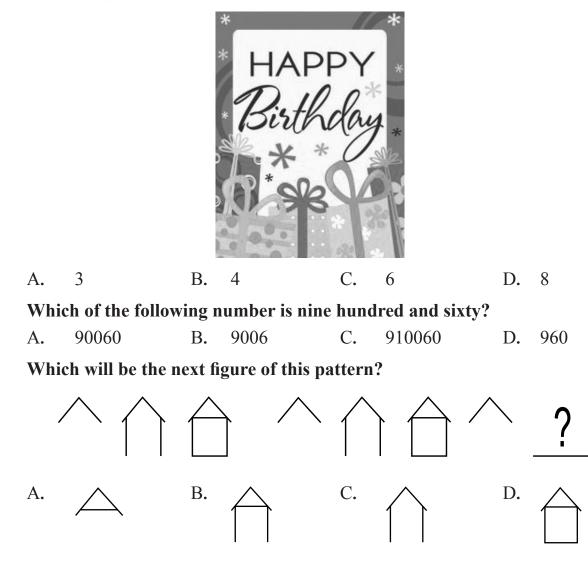
Instructions:- 1. All questions are compulsory.

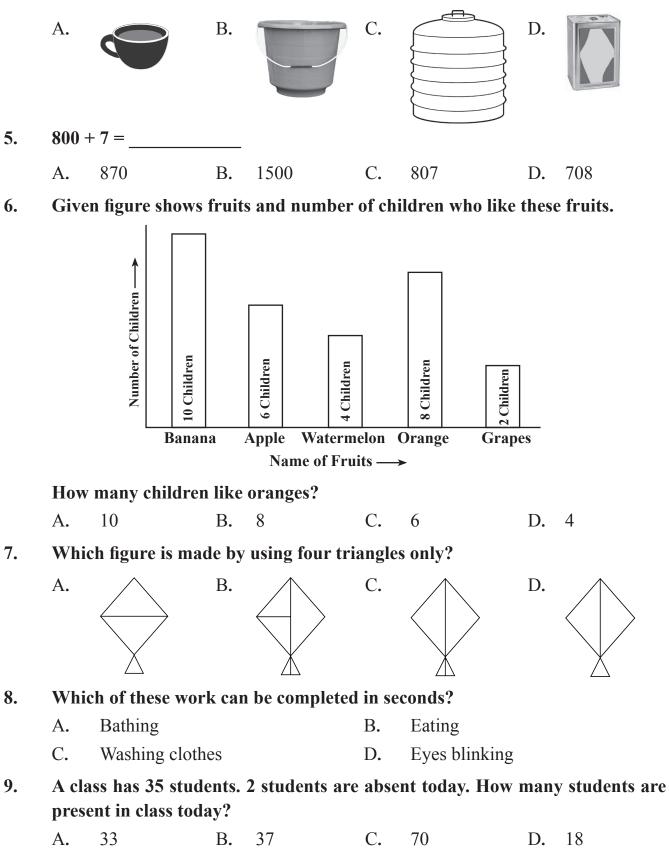
2.

3.

- 2. Read the questions carefully.
- *3. Tick the correct answer from the options.*

#### 1. How many sides are there in this card?



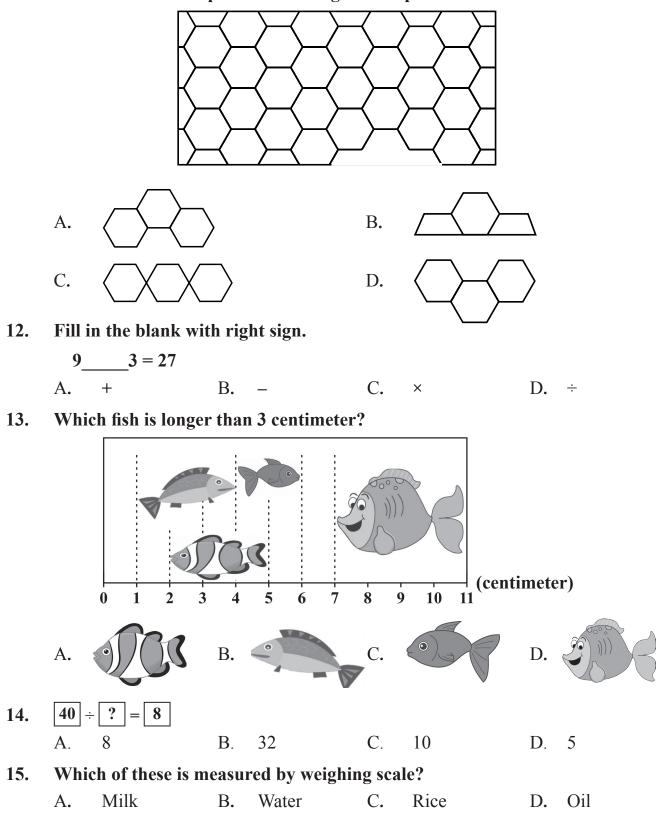


4. Which utensil will have less than 1 litre water?

#### 10 Which unit is right to measure the distance between two states?

A. Centimeter B. Meter C. Kilometer D. Milimeter

11. Which tile will complete the rectangular shape?



Worksheet-3

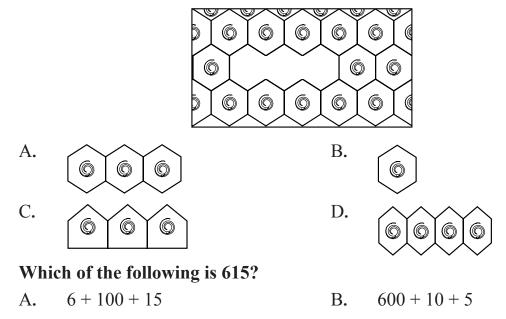
# CLASS: 3

Instructions:- 1. All questions are compulsory.

2.

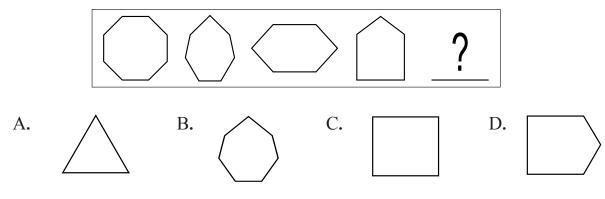
- 2. Read the questions carefully.
- *3. Tick the correct answer from the options.*

# 1. Which tile will fill the empty space of the figure?



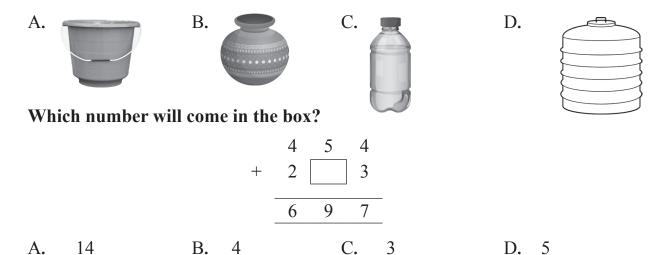
C. 600 + 1 + 15 D. 6 + 1 + 5

### 3. What will be the next figure in the pattern?



4. Which of the following can hold 1000 litre water?

5.

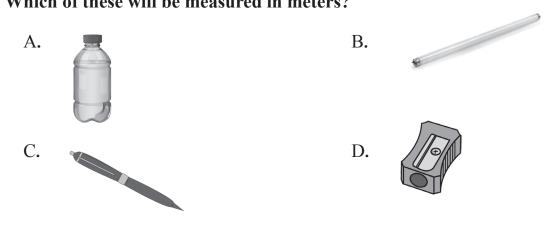


6. Given table shows fruits and number of students who like those fruits?

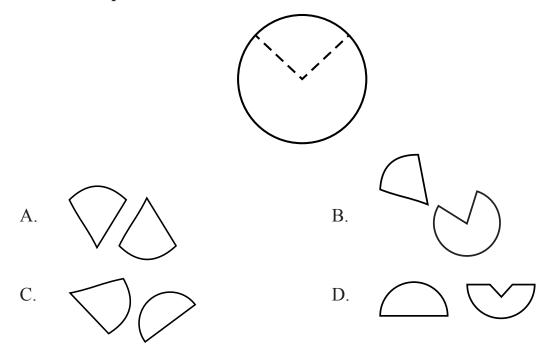
Fruits	Number of students
Apple	
Banana	
Orange	
Guava	
Mango	

#### Which fruit is liked most? A. В. Mango С. Orange D. Apple Banana How many sides are there in this shape? 7. A. 4 6 B. C. 7 D. 8 How many months have 30 days only? 8. 4 Α. 6 B. C. 5 D. 7 Hari has 18 toffees. He ate 5 toffees. Now, he has 13 toffees. Which of the 9. following shows this statement? 18 + 5 = 23 C. 18 - 5 = 13A. 18 - 13 = 5B. D. 18 + 13 = 31

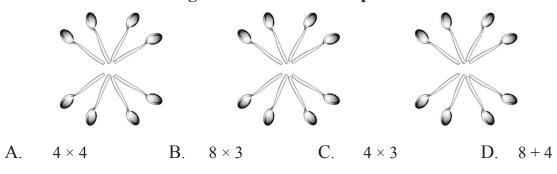
10. Which of these will be measured in meters?



11. Which two pieces will make this 'Roti'?



12. Which calculation will give total number of spoons?



13. How many centimeters are there in 5 meters?

Α.	5 centimeters	В.	50 centimeters
С.	100 centimeters	D.	500 centimeters

14. Anil distributed 28 toffees equally among 7 friends. Which option shows the number of toffees that each friend will get?

A.  $28 \times 7$  B.  $28 \div 7$  C. 28 + 7 D. 28 - 7

15. 3 cups can fill one glass of water. 6 cups of water can fill one mug. How many glasses can fill one mug?



- A. 1 Glass B. 2 Glass C. 3 Glass
- D. 6 Glass

Worksheet-4

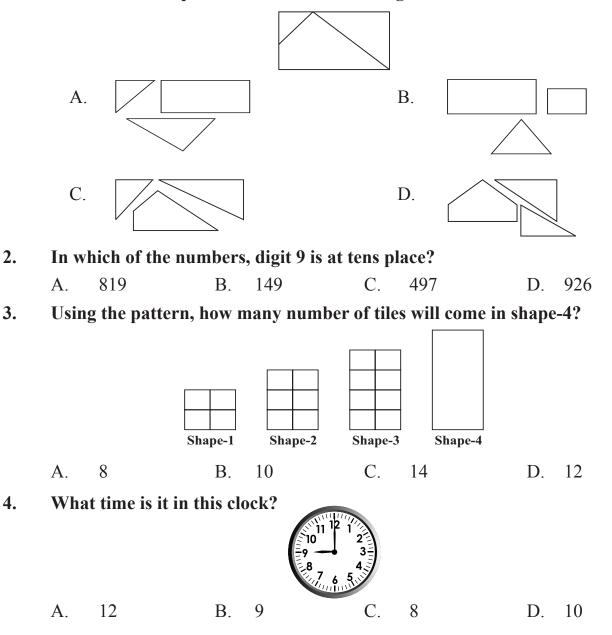
# CLASS: 3

Instructions:- 1. All questions are compulsory.

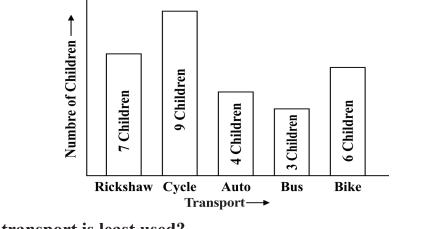
П

- 2. Read the questions carefully.
- 3. Tick the correct answer from the options.

#### 1. Which three shapes are used to make this figure?

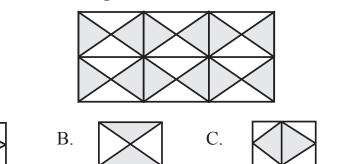


- 5. Which number will come in place of ? in this figure? ? 28 0 18 A. B. 18 26 8 C. 36 D. 10 10
- 6. Following figure shows number of students who use different transport to come to school?



Which transport is least used?

- Cycle Rickshaw A. B. C. Auto D. Bus
- 7. Which tile is used in this figure?





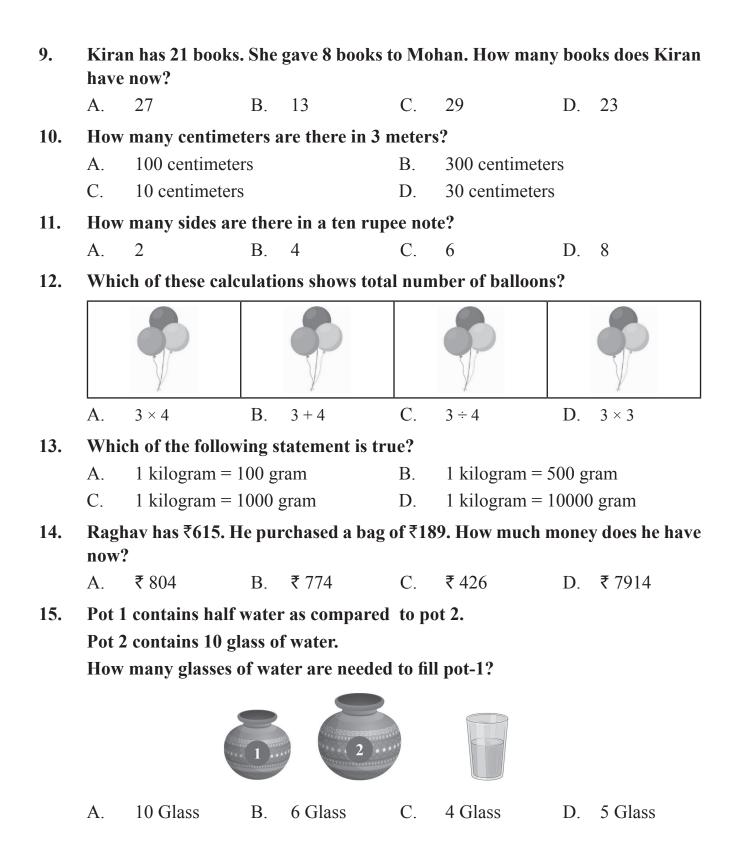
A.

A.

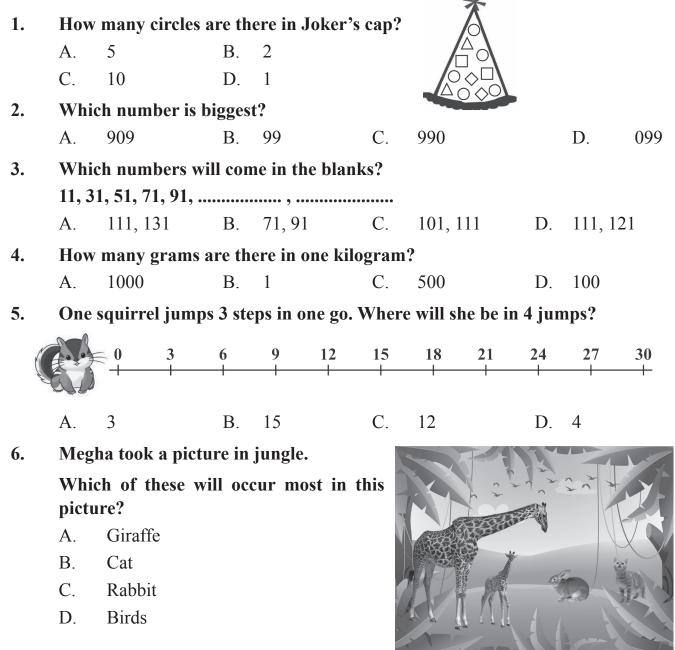
8

How many Sundays are there in January 2021.

	Ja	nuary	<b>2021</b>					
Sunday		3	10	17	24	31		
Monday		4	11	18	25		]	
Tuesday		5	12	19	26		]	
Wednesday		6	13	20	27		]	
Thursday		7	14	21	28		]	
Friday	1	8	15	22	29		]	
Saturday	2	9	16	23	30		]	
B.	4		C.	6			D.	



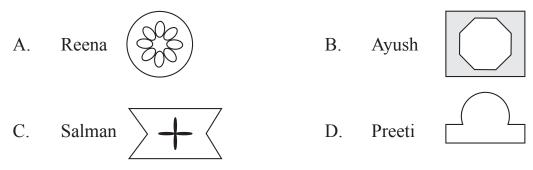
# Worksheet-5 MATHEMATICS CLASS: 3 1. All questions are compulsory. Instructions:-*Read the questions carefully.* 2. *3. Tick the correct answer from the options.*



7. Which of the shape is curved?



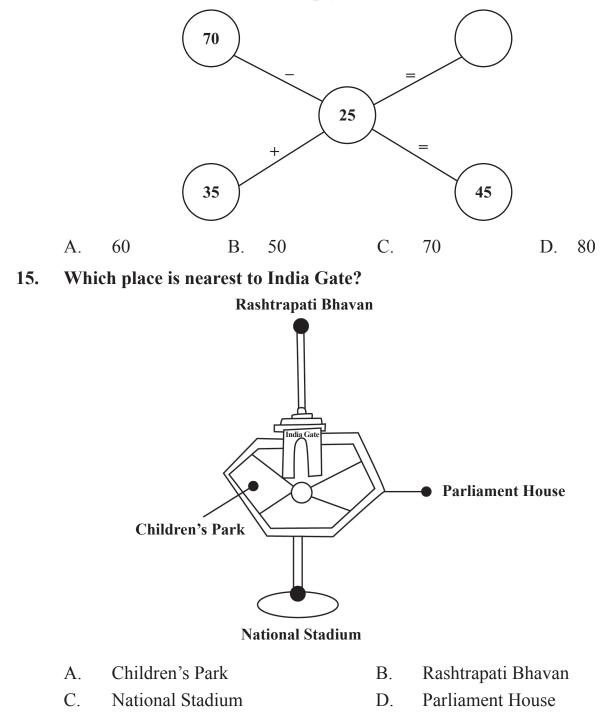
- 8 Half litre of milk can be filled in 5 cups. How many cups can be filled by 1 litre of milk?
  - A. 
    B. 
    C. 
    C.
- 9. 20 books are distributed in class today. Each student got 5 books. How many number of students got the book today?
  - A. 15 B. 20 C. 4 D. 25
- 10. 1 meter has 100 centimeters. How many centimeters will be there in 8 meter?
  - A. 100 centimeters B. 800 centimeters
  - C. 10 centimeters D. 80 centimeters
- 11. Reena, Ayush, Salman, Preeti drew a tile of their choice. Whose tile will cover the rectangular park completely?



- 12. Salma has 35 beads in her box. She lost 9 beads. Now, how many beads are with Salma?
  - A. 44 B. 26 C. 34 D. 125
- 13. Which of the following will hold maximum water?



14. Which number will come in empty circle?

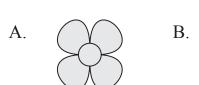


# CLASS: 3

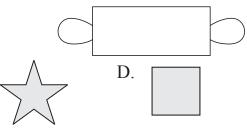
Instructions:- 1. All questions are compulsory.

- 2. Read the questions carefully.
- *3. Tick the correct answer from the options.*

#### 1. After repeating which figure will cover the mask completely?



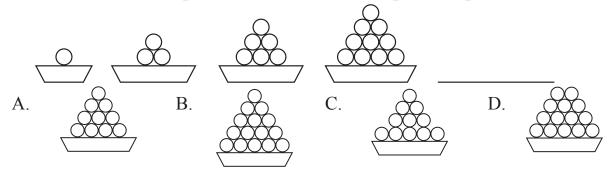




Worksheet-6

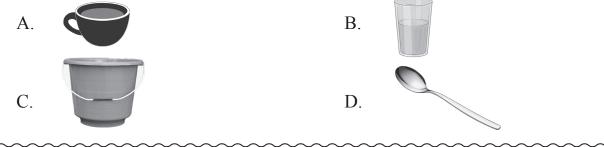
# 2. Which of these is greater than 200?

- A. 2 + 100 + 9 B. 9 + 9 + 100
- C. 100 + 1 + 100 D. 30 + 100 + 10
- 3. Which basket will be placed in the blank to complete the pattern?

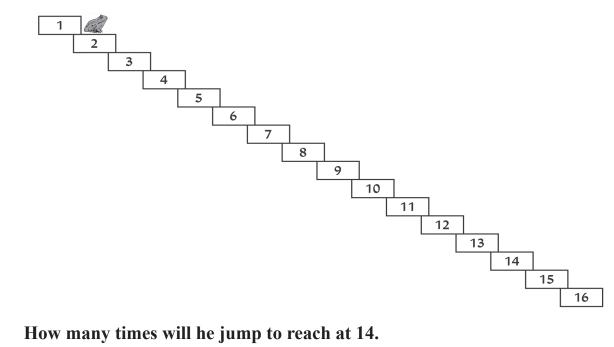


C.

### 4. Which of these will hold more than 1 litre of water?



5. A frog covers 2 steps in one jump.



- A. 7 B. 6 C. 2 D. 14
- 6. The number of books read by the children is given in the table.

Children	Numbers of Books
Rajat	
Rehman	
Jaspreet	
Angel	
Anamika	

### Which two childern have read equal number of books

- A. Rajat and Rehman B. Angel and Anamika
- C. Rajat and Jaspreet D. Rehman and Angel
- 7. How many sides does this Kite have?

B.

4

6

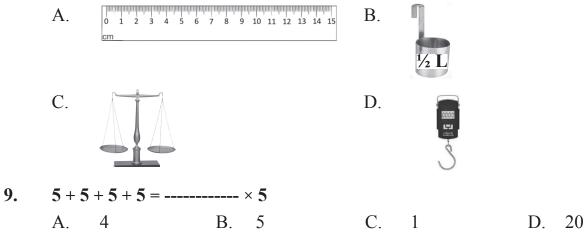
A.



D. 7

5

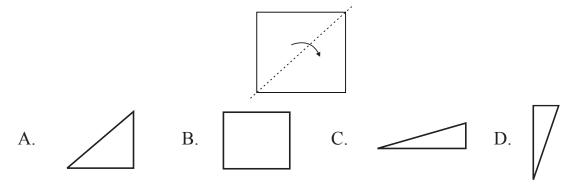
8. Which of the following is the appropriate scale for measuring milk?



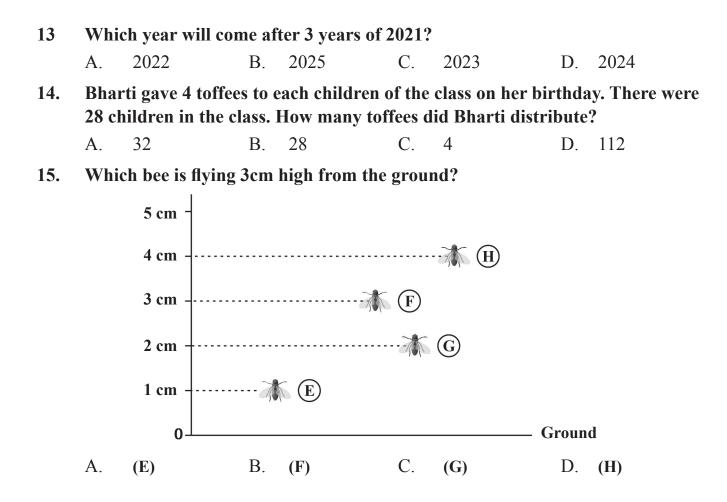
10. Which of these options shows ascending order of water capacity?



11. What shape will we get on folding the paper from the given line?



- 12. There are 15 bananas. Out of these 2 bananas were eaten and 13 bananas were left. Which of the following statement represents this situation?
  - A.15-2=13B.15+2=17C.15-13=2D.13+2=15



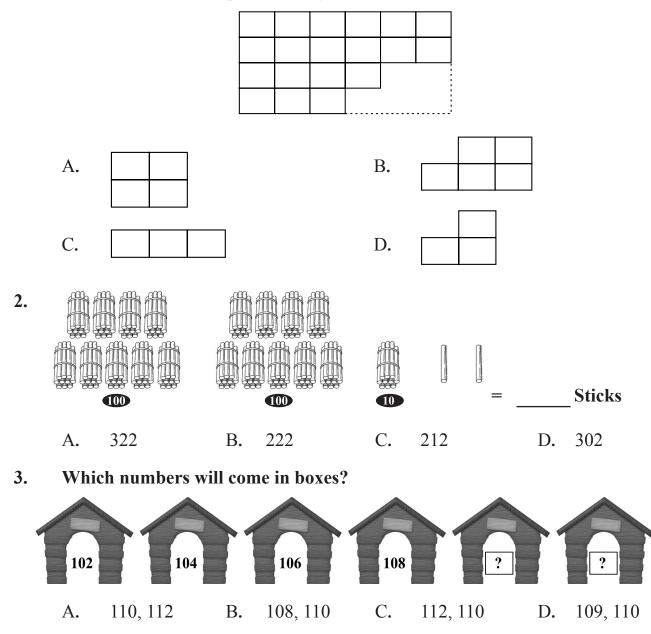
Worksheet-7

# CLASS: 3

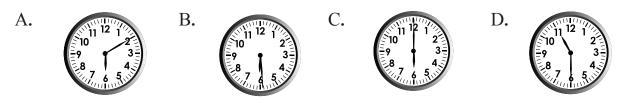
Instructions:- 1. All questions are compulsory.

- 2. Read the questions carefully.
- 3. Tick the correct answer from the options.

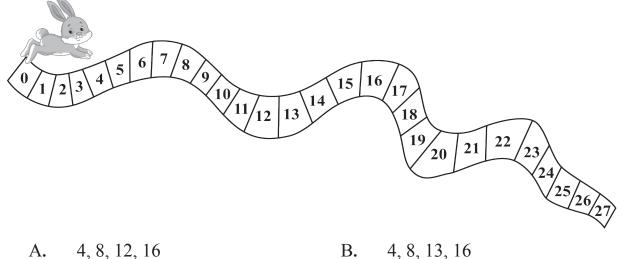
### 1. Which is the broken part of the given chocolate?



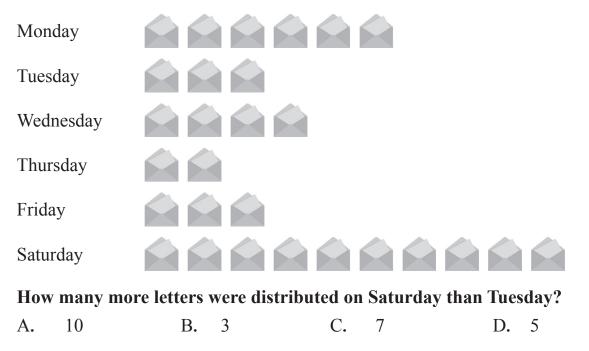
4 Which clock shows 6 O'clock?



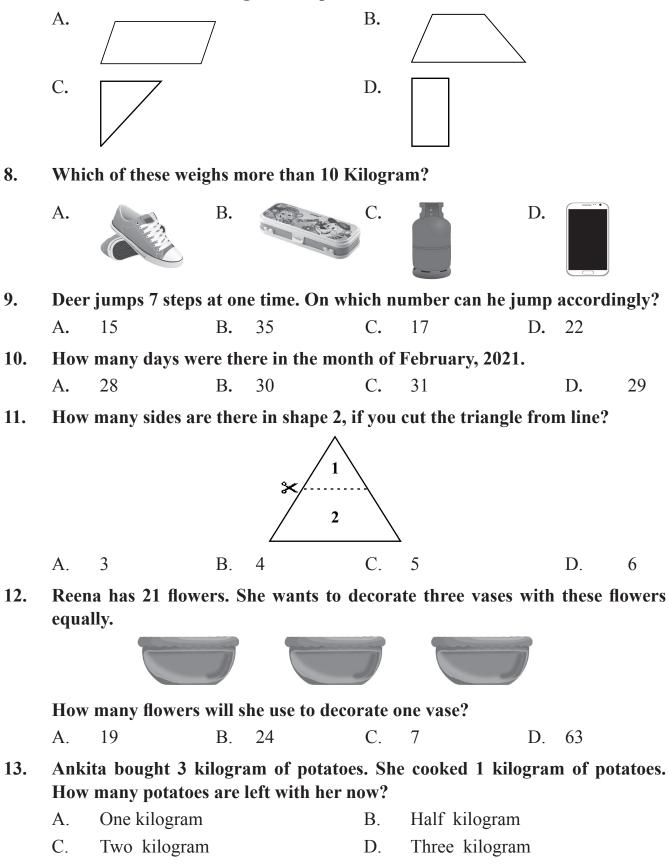
5. A Rabbit jumps 4 steps in one go. On which numbers will he jump?



- A.4, 8, 12, 10D.4, 8, 13, 10C.4, 12, 9, 16D.4, 8, 14, 24
- 6. Following table shows number of letters distributed by Postman during a week.



7. Which of these is rectangular Shape.



14. A library has 455 book of Hindi, 364 of Mathematics and 178 of English. How many total books are there in the library?

A. 897 B. 887 C. 81817 D. 997

# 15. 500 centimeter is equal to which of the following?

A. 1 meter B. 50 meter C. 500 meter D. 5 meter

Worksheet-8

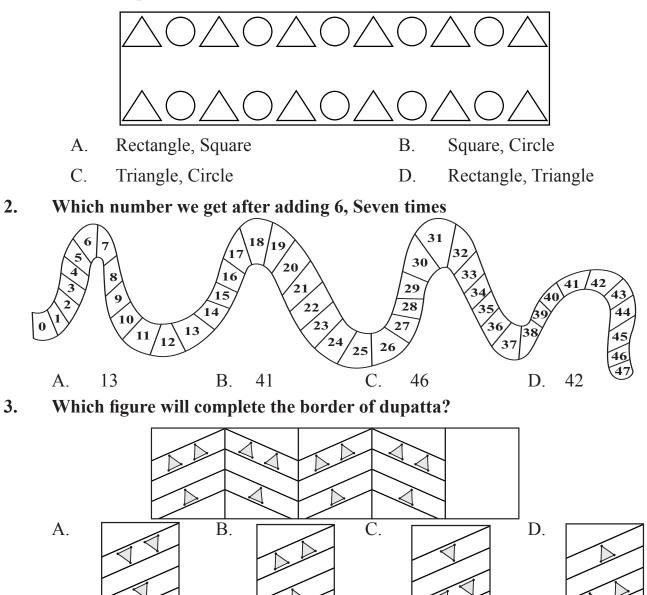
# CLASS: 3

Instructions:- 1. All questions are compulsory.

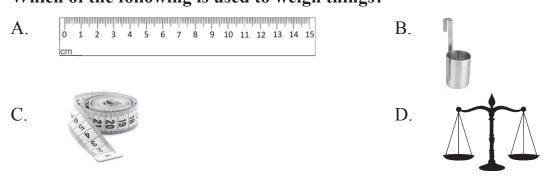
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- 2. Read the questions carefully.
- 3. Tick the correct answer from the options.

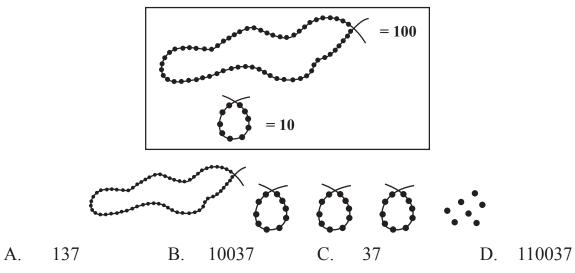
### 1. Which shapes are there on border of Rani's Saree?



4. Which of the following is used to weigh things?



5. How many beads are there in this figure?

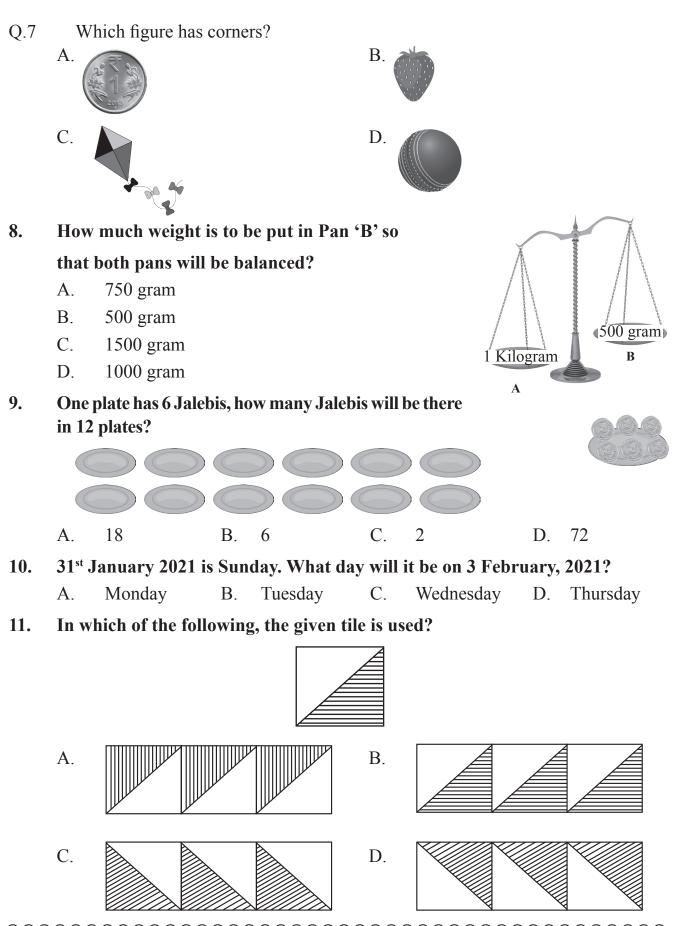


6. Given table shows children and their kites.

Children Name	No. of kites
Ridit	
Baby	
Nonu	No. Washington Contraction of the Contraction of th
Aadya	
Anirudh	
Isha	

How many more kites does Baby have than Aadya?

A.	2	Β.	3	C. 4	D. 6
----	---	----	---	------	------



12.	Moh	an distributed	35 la	doos equally i	in 5 bo	oxes.		
	How	many ladoos	will b	e there is each	box?	,		
	A.	7	В.	5	C.	175	D.	30
13.	Whi	ch one is aroui	nd 1 c	entimeter?				
	A.		B.		C.	1ª	D.	
14.	Vira	t Kohli made	89 ru	ns in match.	How	a many more rui	1s do	es Virat Kohli
	need	l to make a cen	tury					
	A.	11	В.	189	C.	100	D.	29
15.	How	much will be	two ti	imes of half ki	logra	m?		
	A.	2 kilogram			В.	1 kilogram		
	C.	3 kilogram			D.	3 kilogram 50	0 gra	m

Worksheet-9

# CLASS: 3

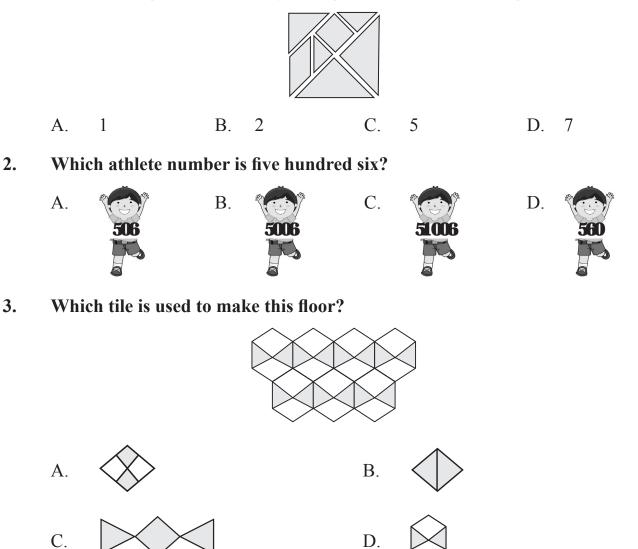
Instructions:- 1. All questions are compulsory.

 $\Box$ 

П

- 2. Read the questions carefully.
- 3. Tick the correct answer from the options.

#### 1. This is a tangram. How many triangle are there in this tangram?



Look at the figure below and tick the right option. 4.



1 kilogram cotton

- Cotton is heavier than potato A.
- C. Weight of both are equal



1 kilogram potato

- Potato is heavier than cotton B.
- Weight of both are not equal D.

#### Help Naman in making his bill-5.

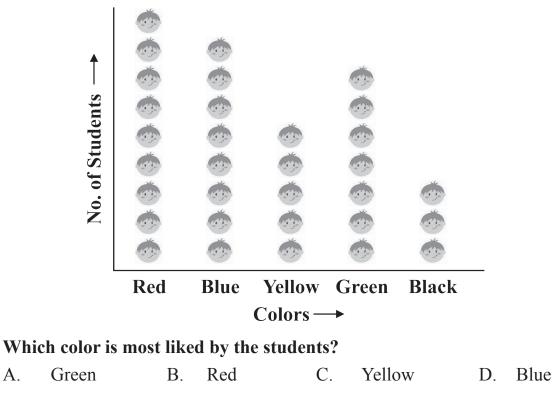
A.

Apple	₹ 58 per kilogram
Banana	₹ 28 per kilogram
Guavas	₹ 23 per kilogram

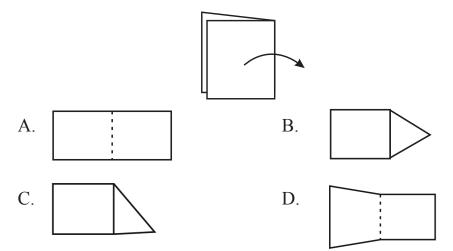
Naman bought 1 kilogram Guavas and 1 kilogram apples. What will be the amount of his bill?

A.	₹ 89	B.	₹411	C.	₹811	D.	₹81

Given figure shows the number of students who like different colors. 6.

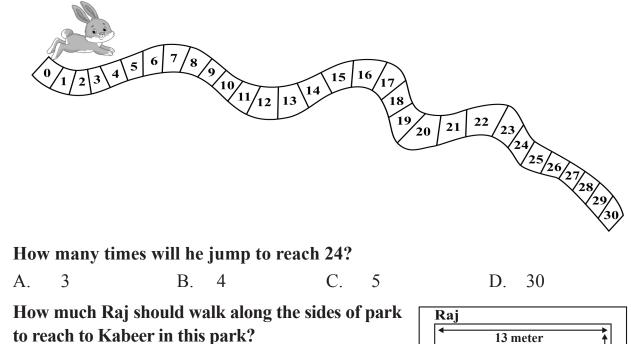


7. What figure will you get on unfolding this paper?



### 8. Which one of the following is the heaviest weight?

- A. 50 gram B. 500 gram
- C. 50 kilogram D. 100 gram
- 9. A rabbit jumps 6 steps in one go.



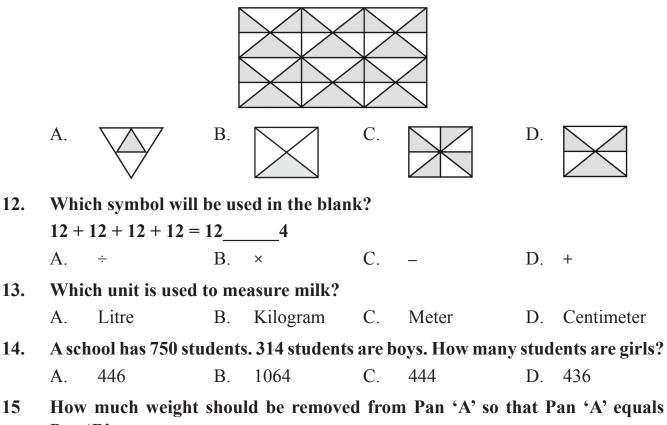
A. 25 meter B. 13 meter

10.

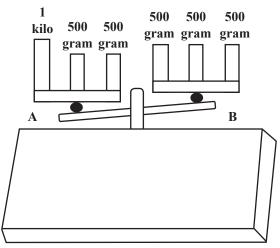
C. 1 meter D. 12 meter

12 meter Kabeer

Which tile is a part of the given figure? 11.



15 Pan 'B'.



A.	2 kilogram	В.	1000 gram
C.	500 gram	D.	1500 gram

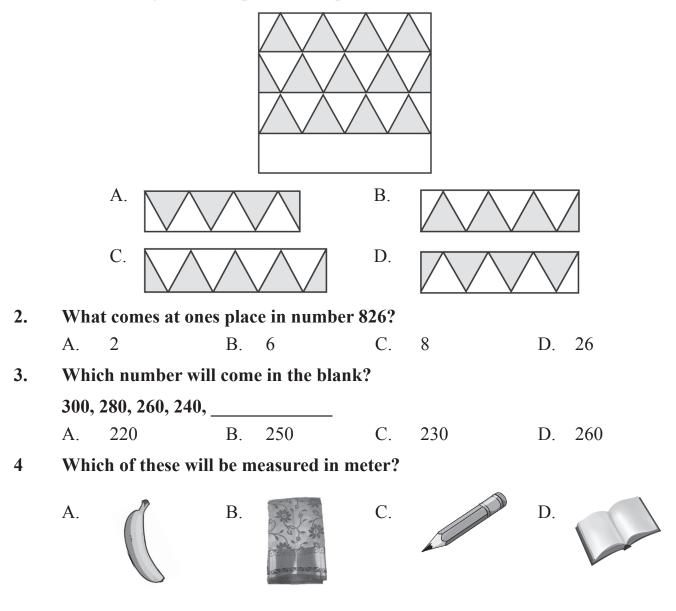
Worksheet-10

# CLASS: 3

Instructions:- 1. All questions are compulsory.

- 2. Read the questions carefully.
- 3. Tick the correct answer from the options.

### 1. Which design will complete the dupatta?



5. Ravi distributed 12 toffees equally among 3 Friends. How many toffees will each friend get?



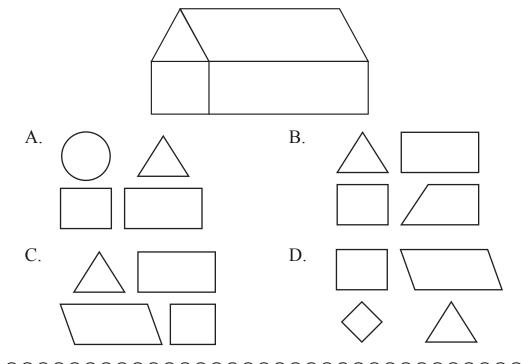
6. The table shows the birthday months of students of class-III.

Class-3										
Month				Nu	mber	of Stu	udent	S		
January	Č.									
March										
April										
May										
November										

Which month has most number of birthdays?

A. April B. March C. January D. May

7. Which four shapes will be used to make this house?



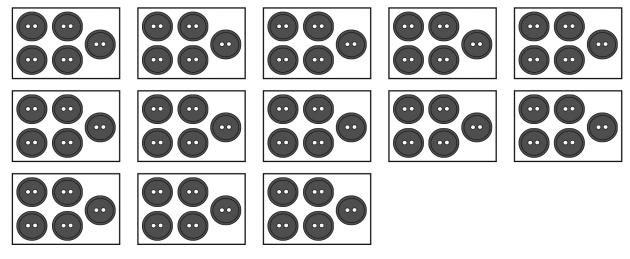
# 8. How many centimeters are there in 1 meter?

- A. 100 centimeter
- B. 10 centimeter

C. 1 centimeter

9.

D. 1000 centimeter



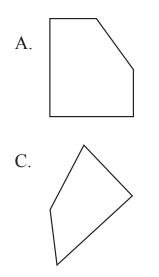
Each packet has 5 buttons. How many buttons will be there in total all packets?

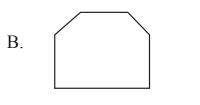
	A.	13	B.	5	C.	65	D.	55
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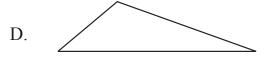
10. Which of the following can be weighed using weighing scale?

A. Oil	B. Rice	C. Milk	D. Juice
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11. Which figure has six corners?



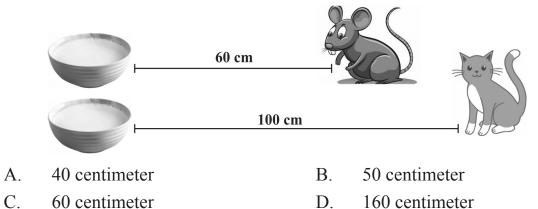




### 12. Rate List

Potato	₹13 per kilogram
Cauliflower	₹ 27 per kilogram
Tomato	₹ 20 per kilogram

How much will Anita pay to buy 3 kilogram of potatoes? ₹16 B. ₹26 D. ₹39 A. ₹13 C. Which item is longest? 13. - cm 0 1 2 3 4 5 8 9 10 6 7 Biscuit Toffee C. Color Pencil A. B. D. Dice 25 boys, 28 girls and 6 teachers of a school went on a group picnic. How many 14. people are there in the group? A. 59 419 D. 113 B. 1013 C. What is the distance between Rat and Cat? 15.



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CLASS: 3

# ANSWER KEY

								Wo	orks	hee	t-1								
1.	D	2.	D	3.	С	4.	D	5.	Α	6.	A	7.	Α	8.	С	9.	В	10.	A
11.	Α	12.	D	13.	D	14.	В	15.	В		0			0					

#### В 2. D 3. С 4. 5. С 7. С 8. 9. А 10. С 1. 6. В D А 11. В 12. 13. D 14. С D 15. С

Worksheet-2

								Wo	orks	shee	t-3								
1.	Α	2.	В	3.	С	4.	D	5.	В	6.	В	7.	D	8.	В	9.	C	10.	В
11.	В	12.	В	13.	D	14.	В	15.	В									· · · · ·	

# Worksheet-4

1.	С	2.	С	3.	В	4.	В	5.	C.	6.	D	7.	D	8.	Α	9.	В	10.	В
11.	В	12.	А	13.	С	14.	С	15.	D										

								Wo	orks	hee	t-5								
1.	A	2.	С	3.	Α	4.	Α	5.	С	6.	D	7.	В	8.	D	9.	C	10.	В
11.	В	12.	В	13.	С	14.	Α	15.	Α										

## Worksheet-6

1.	D	2.	С	3.	В	4.	С	5.	Α	6.	D	7.	D	8.	В	9.	А	10.	D
11.	А	12.	А	13.	D	14.	D	15.	В										

# Worksheet-7

1.	В	2.	С	3.	А	4.	С	5.	Α	6.	С	7.	D	8.	С	9.	B	10.	Α
11.	В	12.	С	13.	С	14.	D	15.	D										

								Wo	orks	hee	t-8								
1.	С	2.	D	3.	В	4.	D	5.	Α	6.	Α	7.	С	8.	В	9.	D	10.	C
11.	В	12.	А	13.	D	14.	А	15.	В									<u> </u>	
	Worksheet-9																		
1.	С	2.	А	3.	D	4.	С	5.	D	6.	В	7.	А	8.	С	9.	В	10.	А
11.	D	12.	В	13.	А	14.	D	15.	С										
								Wo	rksl	heet	-10								
1.	С	2.	В	3.	А	4.	В	5.	Α	6.	D	7.	С	8.	Α	9.	С	10.	В
11.	В	12.	D	13.	С	14.	А	15.	A										