Chapter-1

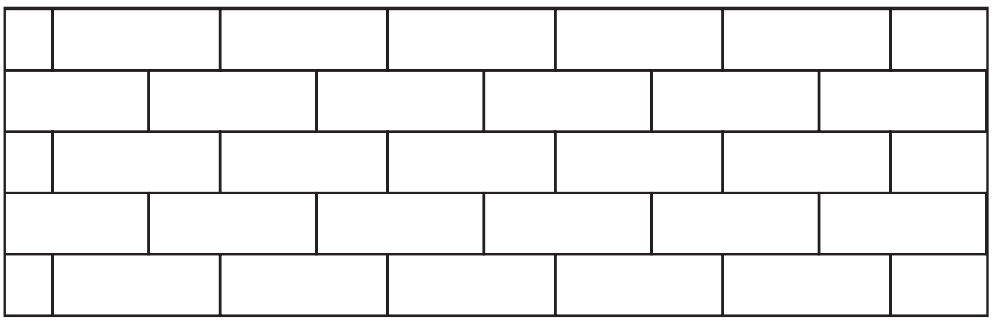
Building with Bricks

Q.1. A brick has _____ faces.

Q.2. One brick cost ₹ 15/-

20 bricks cost ₹ ?

Q.3. In the given wall how many bricks are used?



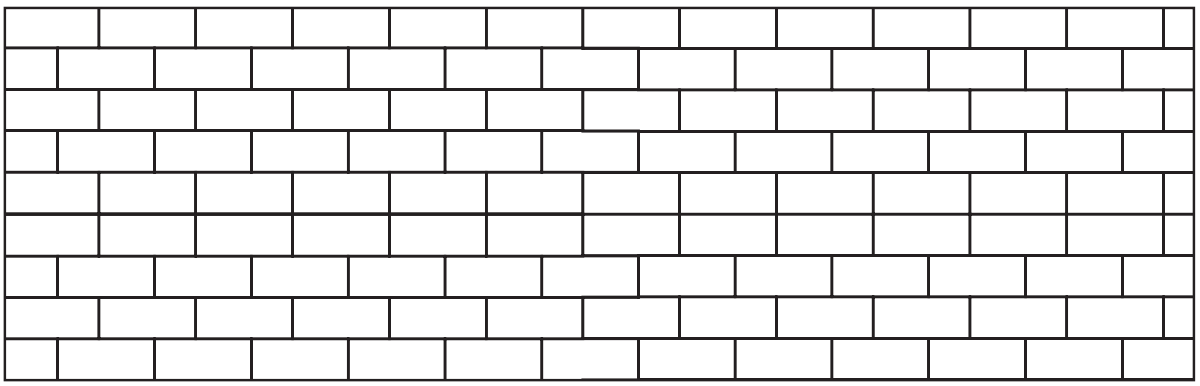
Q.4. A contractor pays ₹ 5000 for 500 bricks. Find out the cost of 1 brick?

Q.5. A brick has more than six corners. (Yes/No)

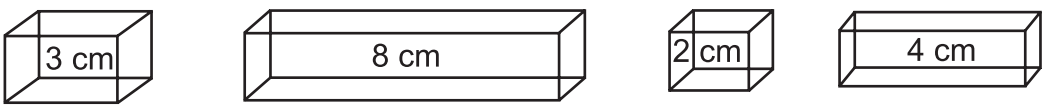
Q.6. Bricks are made from? Tick the correct answer?

Stone	Soil	Wood	Glass
A	B	C	D

Q.7. Make a jaali/jharokha pattern on the wall and colour it.



Q.8. Circle the longest brick.



A B C D

Q.9. A truck can carry 5000 bricks. How many trucks we need to carry 1,00,000 bricks?

Q.10. One hundred thousand bricks = 1 _____ bricks.

Q.11. Draw a wall of 12 cm × 12 cm.

Q.12. Which of these are the faces of a brick which is used for wall construction?

A B C D E

Q.13. Draw two floor patterns made of brick.

Q.14. If a brick costs ₹ 5/-, then what is the cost of 350 bricks?

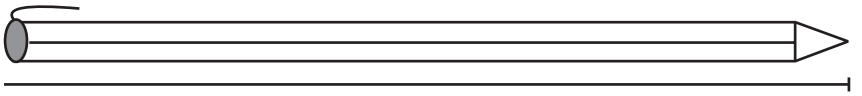
Q.15. Wall is not made from (Tick the correct answer)

Brick	Wood	Water	Iron
A	B	C	D

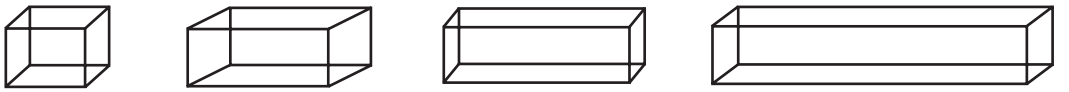
Chapter-2

Long & Short

Q.1. Draw a pen 1 cm shorter than this pen.

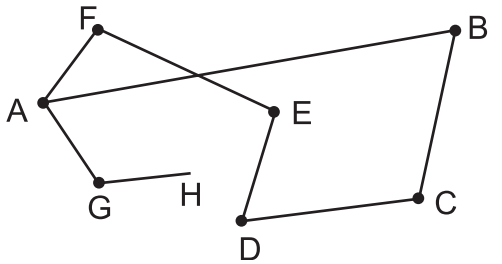


Q.2. Circle the longest box.



A B C D

Q.3. Measure the shortest distance between point A and B.

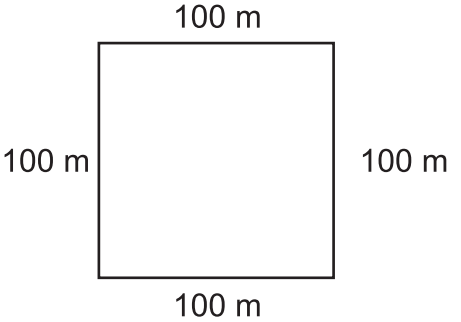


Q.4. Fil in the blanks

(a) 10 m = ———— cm

(b) 50 m = ———— cm

Q.5. Find the perimeter of the given figure.



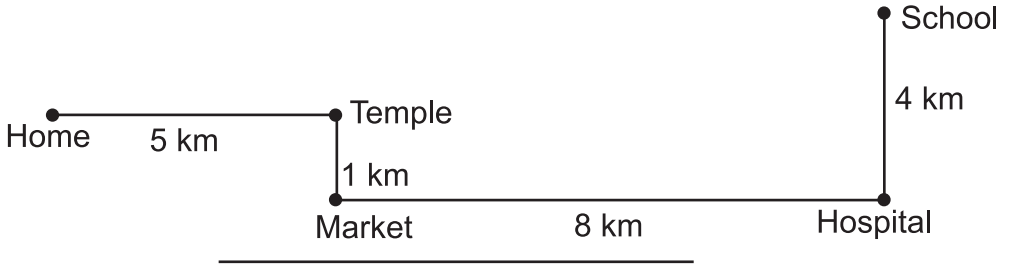
Q.6. Complete the table

metres	——	5	7	——
centimetres	100	——	——	800

Q.7. Ram is 1 m 23 cm tall. Seeta is 12 cm shorter than Ram. What is their total height?

Q.8. A room has 6 m length and 4 m breadth. What is the perimeter of the room?

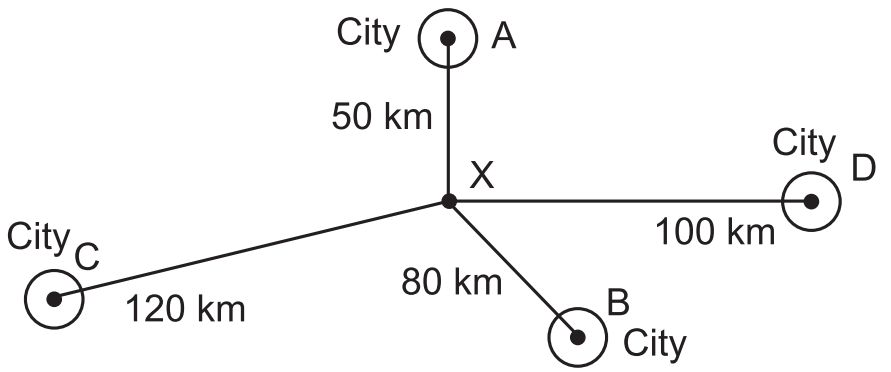
Q.9. Find the total distance covered by Mohan from home to school.



Q.10.

The line is about ☐ centimetres long.

Q.11. Which city has the farthest distance point X?



(a) City A (c) City C (b) City B (d) City D

Q.12. Convert into metres

(a) 7 km = ———— m

(b) 2 km 500 = ———— m

(c) 15 km 305 m = ———— m

(d) 9 km 50 m = ———— m

Q.13. Ram is 150 cm tall and his sister Teena is 115 cm tall. Who is taller and by how many cms?

Q.14. How much money Renu have if she has 5 (₹ 10 notes) + 3 (₹ 50 notes) + 10 (₹ 100 notes)

= ₹ ☐

Q.15. Using a ruler, draw lines of following measurements

(a) 7.7 cm (b) 6.5 cm

Chapter-3

A Trip to Bhopal

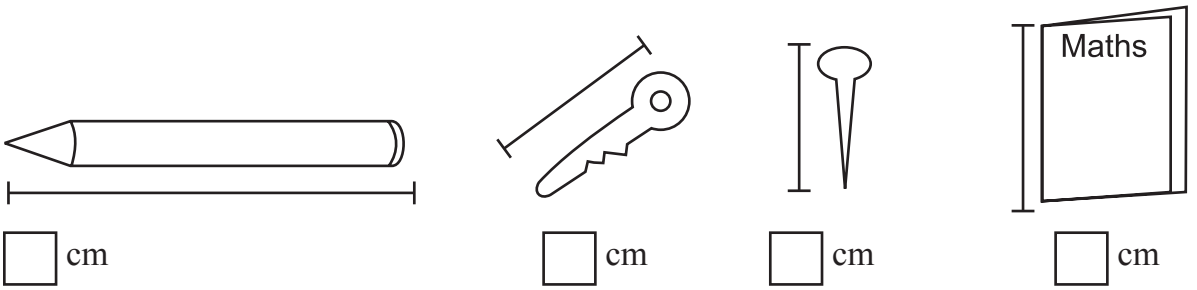
Q.1. Covert the following in ml.

(a) 5 l = —— ml

(b) 3½ l = —— ml

Q.2. The total weight of 3 balls is 630 g. What is the total weight of 5 such balls?

Q.3. Use your ruler and measure the length of the following items and write in the given box.



☐ cm ☐ cm ☐ cm ☐ cm

Q.4. The total weight of a bag with 8 books inside is 2 kg 340 g. If the bag alone weight 950 g, what is the weight of the books?

Q.5. Compare the units of length by using >, < or =

(a) 5 km ☐ 5,000 m

(b) 19 km ☐ 20,000 m

(c) 3009 m ☐ 4 km

(d) 7 km 600 m ☐ 7600 m

(e) 14,050 m ☐ 14 km 500 m

Q.6. Which pair of numbers make the sum more than 600.

(a) 200 and 350 (c) 100 and 550

(b) 450 and 250 (d) 91 and 380

Q.7. There are 30 toffees in a packet. How many toffees are there in 20 such packets?

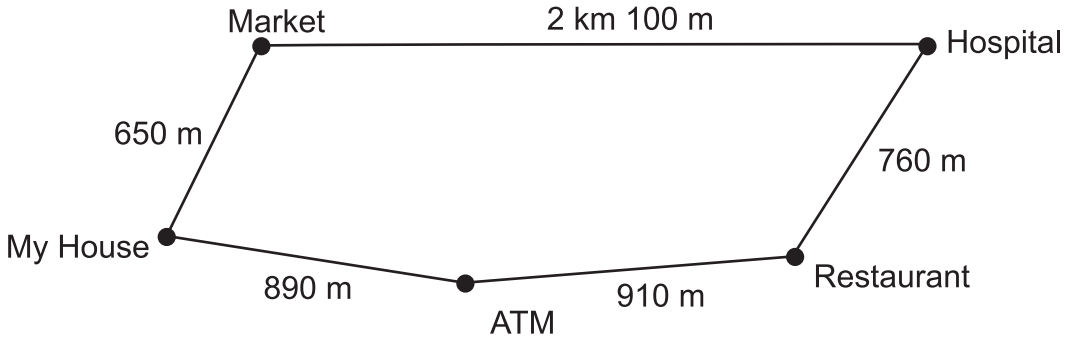
Q.8. How many three digit numbers can you make using 2, 5 and 7?

Q.9. Complete the given box

2250 gram = 2 kg + ☐?☐ g

Q.10. A bus carries 30 persons. How many persons will be carried by 30 buses?

Q.11. Use the information to answer the questions



(a) How far is the market from my house?

(b) How many meters is the ATM from my house?

(c) How far is the market from the hospital?

(d) Which is closer ATM or the hospital to the restaurant?

(e) Draw the shortest distance between the hospital and my house.

(f) How much wil you have to walk to go to all functions once?

Q.12. Ram bought 7.50 l, 2.25 l and 8.25 l milk from three dairies respectively. How much milk did he purchase in all?

Q.13. One kg of onion cost is ₹ 20. Find the cost of 4½ kg. of onions.

Q.14. Tell a number which can be divided by 3, 4 and lies between 10 and 15?

Q.15. Arrange the following years according to time line upto the current year.

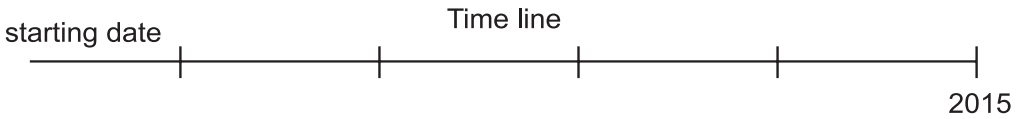
(a) 1857

(b) 2015

(c) 1947

(d) 1742

(e) 1655



Chapter-4

Tick Tick Tick

Q.1. Fill the boxes with >, < or =

(a) 80 min ☐ 1 Hrs. 15 min

(b) 2 Hrs. 20 min ☐ 200 min

(c) 125 min ☐ 1 Hrs. 25 min

(d) 150 min ☐ 1 Hrs. 50 min

(e) 6 Hrs. 10 min ☐ 5 Hrs. 58 min

Q.2. How many months begin their names with the letter 'J'?

_____ _____ _____

Q.3. A restaurant opens at 10.00 am and closes at 8:00 pm everyday. How long is the restaurant open each day?

Q.4. Fill in the blanks

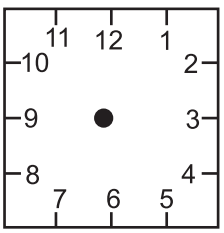
(a) 15 month = _____ year _____ months

(b) 2 weeks 1 day = _____ days

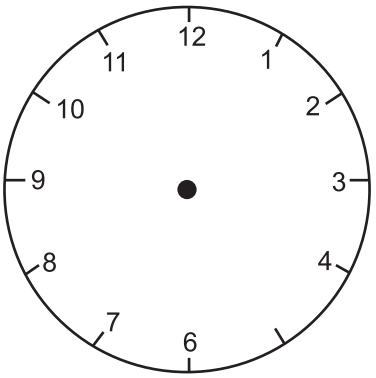
(c) 18 months = _____ year _____ months

(d) 1 week 3 days = _____ days

Q.5. Show the following time in the clock.



6:35



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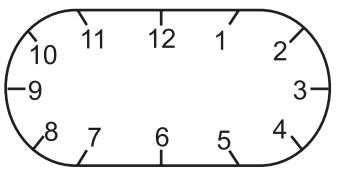


8:45

Q.6. Renu started his homework at 2:35 pm. She took 2 hours 15 minutes to complete her homework. When did she finish her homework?

Q.7. Write which dates these stands for

(a)	31/7/19	31 July 2009
(b)	20/10/11	_____
(c)	26/1/14	_____
(d)	12/03/13	_____
(e)	12/12/12	_____

Q.8. A train leaves at 9.30 at night. The time written on the railway ticket would be ____

Q.9. Ram reached home at 2:45 pm. His journey from school to home was 35 minutes. What time did he leave school?

Q.10.

	Time by 12 hr clock	**Time by 24 hr clock**
(a)	1 pm	13 : 00 hr
(b)	9 pm	_____
(c)	3:30 pm	_____
(d)	6:00 pm	_____
(e)	11:30 pm	_____

Q.11. A worker joined a shop on 12th July 2011. He worked for 20 days only. On what date did he left the shop?

Q.12. Shatabadi express leaves New Delhi Railway Station at 17:50 hours. What is time in the 12 hour clock?

Q.13. Convert 4 days into hours.

Q.14. How many months are there in 5 years?

Q.15. On a particular day, the sun rises at 5:20 in the morning. On the 24 hours clock, what is the time of sun set?

Chapter-5

The Way the World Looks

Q.1. Things will appear small if we look them from a height. (True/False)

Q.2. There are three wings in a Fan. (True/False)

Q.3. A balloon with air is light. (True/False)

Q.4. There are eight corners in a box. (True/False)

Q.5. If you are travelling in a train then distant trees will move in opposite direction. (True/False)

Q.6. If railway track looks wide from near and it will look _____ a from distance.

(a) More wide (b) Narrow (c) Big

Q.7. Things will look _____ whcih are nearer to eye.

(a) Big (b) Small (c) Long

Q.8. The candle looks long from near it will look _____ from distance.

(a) long (b) wide (c) small

Q.9. The alphabet 'M' looks _____ in the mirror.

(a) opposite (b) right (c) curved

Q.10. Things look _____ from distance

(a) Long (b) Big (c0 Small

Q.11. There are _____ corners in a cubical room.

(a) Six (b) Four (c) Eight

Q.12. Your school looks _____ from sky.

(a) Small (b) Round (c) Triangular

Q.13. An object looks _____ from maximum height.

(a) Big (b) Long (c) Very small

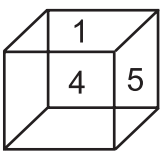
Q.14. A picture is pasted on a wall in a class which hand of picture is at your right?

Q.15. The number on the opposite faces of this box add up to 7.

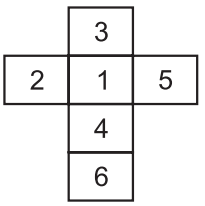
(a) _____ number is on the opposite side of 5.

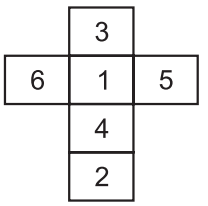
(b) _____ number will be at the bottom.

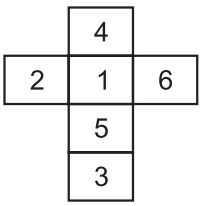
(c) _____ number is on opposite side of 4.

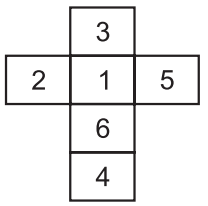


(d) What will this box look like if your open it up mark the correct picture.









Chapter-6

The Junk Seller

Q.1. If $15 \times 8 = 120$ then,

$15 \times 80 =$ ☐

Q.2. Put these amounts of money in order from smallest to largest.

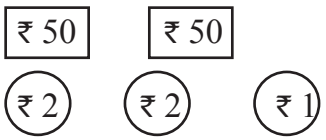
(a) ₹ 8.10, ₹ 8.50, ₹ 8.75, ₹ 8.45

_____, _____, _____, _____

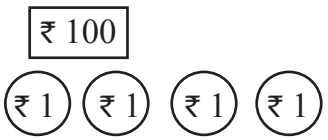
(b) ₹ 1050, ₹ 1500, ₹ 1005, ₹ 5010

_____, _____, _____, _____,

Q.3. Which is more : (Put >, < or =)



₹ _____



₹ _____

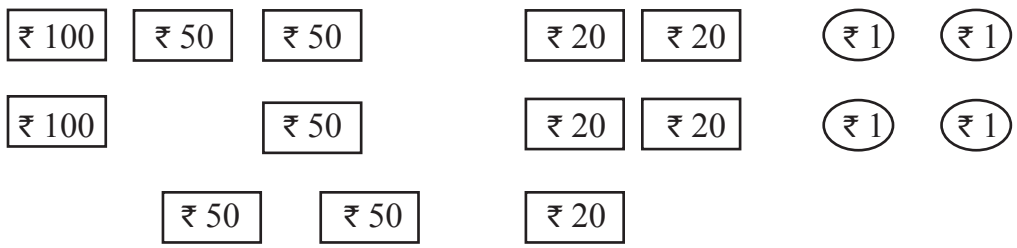
Q.4. State true of false

if $20 \times 5 = 100$

$20 \times 50 = 1000$

then $2 \times 50 = 100$ _____

Q.5. Garima counted her day earning by grouping the money she earned.



_____ + _____ + _____ + _____ = ☐

How much did she earn in total?

Q.6. Preeti earns ₹ 120 a day. How much wil she earn in a month of 30 days?

Sol.

Q.7. If Lalit earns ₹ 100 a day. How much will he earn in a leap year?
(Leap year = 366 days)

Q.8. Read the table :

THE JUNKSELLER SHOP RATE LIST	
NEWSPAPER ₹ 5 per kg	NOTEBOOK ₹ 3 per kg
IRON ₹ 10 per kg	PLASTIC ₹ 4 per kg

Sunil cleaned his home and collected all the waste. Later he went to a junk seller and sold 3 kgs of newspaper, notebook, iron and plastic each. How much will the junkseller pay to Sunil?

Q.9. Rani took a loan of ₹ 6000 to set up a food stall. Every month she pays ₹ 1060 to the bank as repayment of loan. She took for six months. Complete the table :

Sol.

March ₹ _____

April ₹ _____

May ₹ _____

Jun ₹ _____

July ₹ _____

August ₹ _____

Total amount Repaid = ₹ _____

Interest = ₹ _____

Q.10. Rama collected money in her piggy bank for 2 years. Now she has ₹ 978 in total. Does she has enough money to by a book on reptiles and a board game?

Board game - ₹ 315

Video game - ₹ 427

Plastic toy - ₹ 228

Story book - ₹ 400

Book on reptites - ₹ 660

Q.11. Ameena went to a store to get fruits. She saw the folloiwng price list :

Banana — ₹ 90/kg

Pear — ₹ 75/kg

Mango — ₹ 70/kg

Grapes — ₹ 100/kg

Pomegranate — ₹ 180/kg

(a) Which is the costliest fruit she saw.

_____

(b) Ameena bougth 1 kg of grapes and 2 kgs. of bananas. How much does she has to pay?

Q.12. Rakesh went to a stationary shop to buy a notebook, 2 pens, 5 chartpapers, plastic sheet, colours etc. The total cost of these items were ₹ 278. Rakesh gave ₹ 500 to the shopkeeper. How much change will he get back?

Sol.

Q.13. A Junkseller buys newspaper for ₹ 5 per kg. and later sold 10 kg of newspaper for ₹ 100. Did he has profit or loss?

Sol.

Q.14. The cost of making 1 cup of tea is ₹ 4. Rina makes 30 cups of tea in a day in her tea stall. She sells each cup for ₹ 5. How much profit will she earn in a week?

Q.15. Calculate :

9 notes of ₹ 50 =

5 notes of ₹ 100 =

1 note of ₹ 500 =

2 notes of ₹ 1,000 =

What is the total amount = ₹ _____

Chapter-7

Jugs and Mugs

Q.1. Which is more :
1 Litre or 1000 ml

_____

Q.2. Fill in the blanks :
(i) 300 ml + _____ = 1 Litre (ii) 500 ml + _____ = 1 Litre
(iii) 450 ml + _____ = 1 Litre

Q.3. True or False
1.2 Litre = 1200 ml. True/False

_____

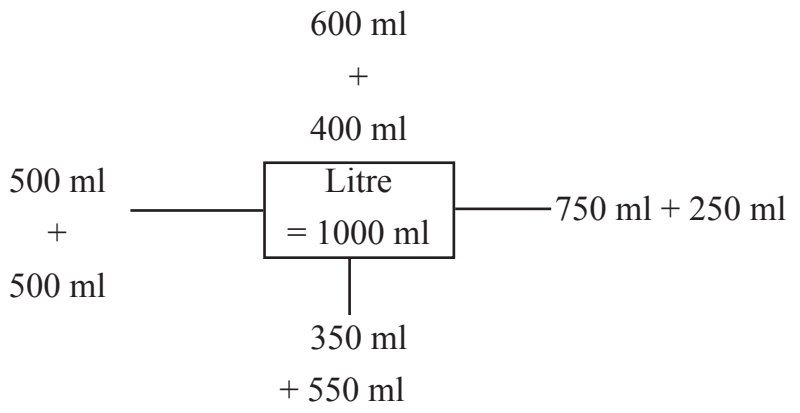
Q.4. Estimate the capacity of a table spoon (Tick the right answer)
(a) 15 ml (c) 150 ml (b) 1500 ml (d) 1.5 ml

Q.5. $\frac{1}{2}$ Litre is equal to
(a) 200 ml (c) 500 ml (c) 100 ml (d) 700 ml

Q.6. Match the following :

(a)	6 ml + 4 ml + 5 ml	½ Litre
(b)	350 ml + 150 ml	750 ml
(c)	650 ml + 350 ml	2ml + 8 ml + 5 ml
(d)	400 ml + 100 ml + 250 ml	1 Litre

Q.7. Encircle the wrong combination :



Q.8. A tea shop need 5 litres of milk every day. Each litre costs ₹ 40. How much money is needed to buy milk for 5 days?

Q.9. In a house the capacity of a water tank is 1,000 litres. The family uses water for various purposes :

Bathing - 150 litres

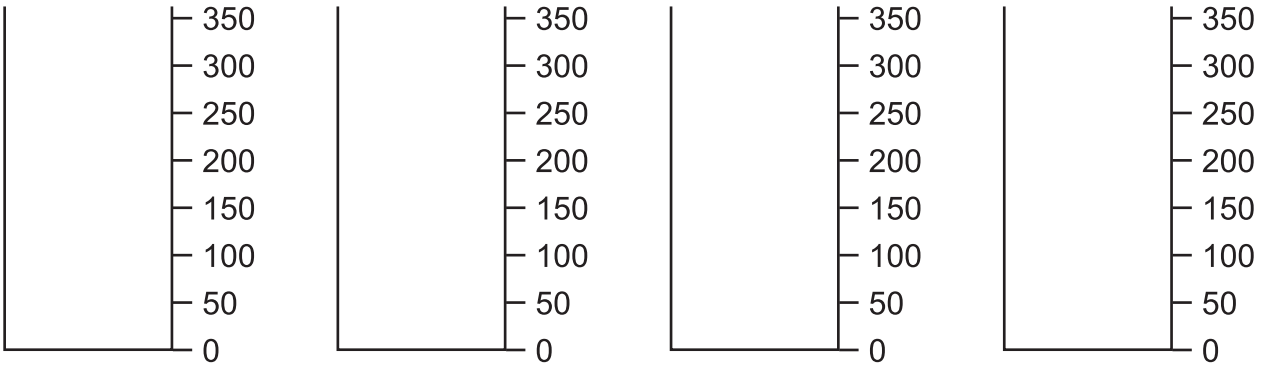
Mopping - 30 litres

Drinking - 30 litres

Washing (Clothes, utensils, cars) - 500 litres

How much water will be left in the tank at the end of the day?

Q.10. Preksha has 1 litre of water in her bottle. Four of her friends are thirsty so she equally distributed water among them. How much water will be there in each bottle, mark.



Q.11. For good health a child upto 15 years should drink 1.5 lit. of water everyday. Anisha advised her friend Naman to drink more liquids. Is she right in doing so? How much liquid is Naman consuming in total?

Here is the total liquid consiumption of Naman in a day.

Milk - 200 ml

Water - 500 ml

Glucon-D = 150 ml

Juice - 130 ml

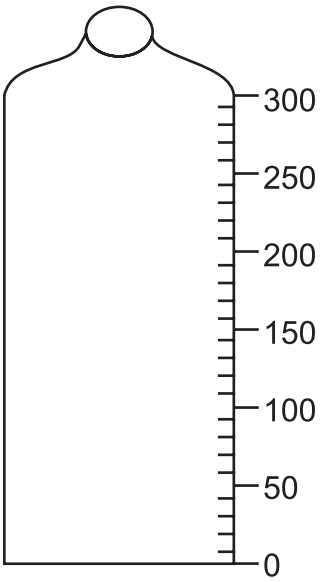
Tea - 170 ml

Lemonade - 250 ml

Sol.

Q.12. Draw :

Aman's sister drinks 270 ml of milk in the morning. His mother has gone out for work today so he has to prepare milk. Draw the mark upto which the milk will be poured by him.



Q.13. Raj buys 7 tokens from mother dairy everyday. If one token is used for $\frac{1}{2}$ Litre of milk. How much milk does Raj buys?

Q.14. Study the data and answer :

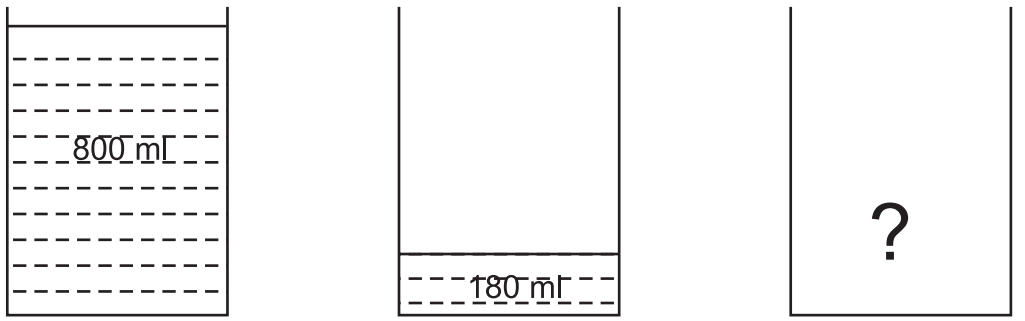
Family -1
Washing - 250 lit.
Cleaning - 350 lit
Bathing - 100 lit.
Mopping - 20 lit.
Gardening - 10 lit

Family - 2
Washing - 300 lit
Cleaning - 400 lit
Bathing - 120 lit
Mopping - None
Gardening - 15 lit

(i) Which family uses less water judiciously?

(ii) How much total water is used by each family?

Q.15.



Raju's bottle | Preeti's Bottle | Shaurya's Bottle

Raju has 800 ml of juice in his bottle. He poured 180 ml juice in Preeti's bottle and double of it in Shaurya's bottle. How much jice is left with Raju.

Chapter-8

Carts and Wheels

Q.1. How many corners does a circle has.

(a) 1 (b) None (c) Many

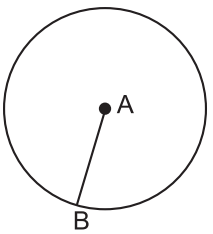
Q.2. What is AB called

(a) Area

(b) Radius

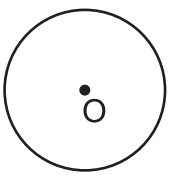
(c) Circumference

(d) Diameter

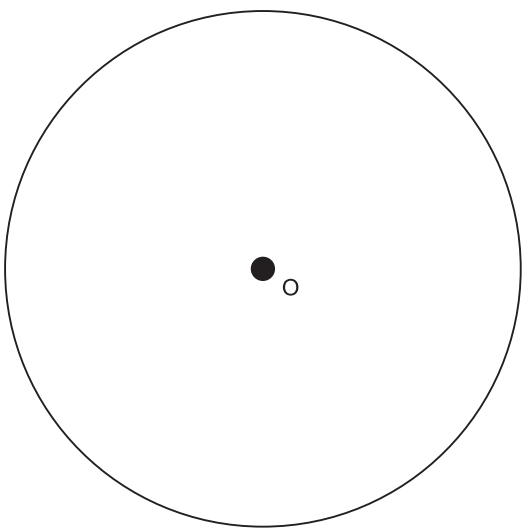


Q.3. Match the circles with their radii :

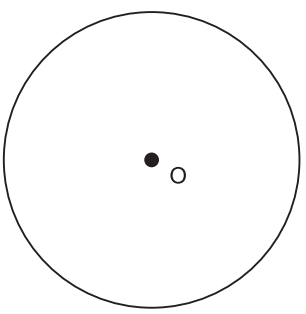
(i) 5 cm



(ii) 3 cm



(iii) 1 cm

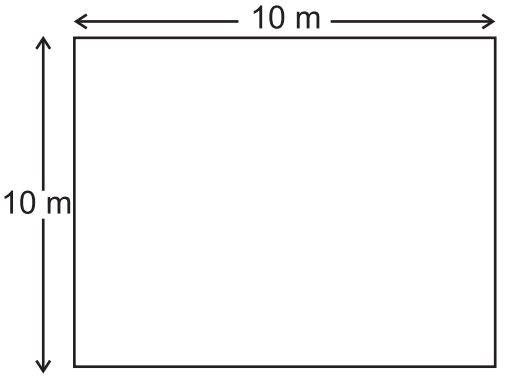


Q.4. True or False

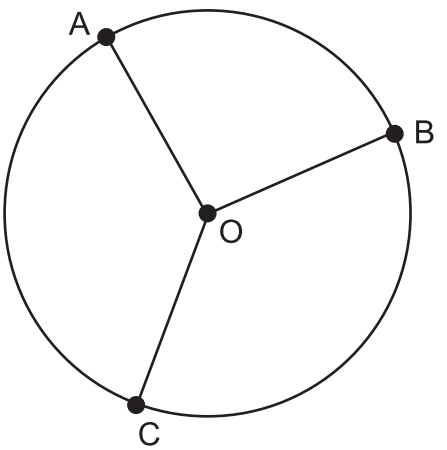
(i) A circle can have many centres. _____

Q.5. It is possible that many circles have one centre? Draw and show.

Q.6. There is a square park of 10 m length. A farmer has 4 cows, he ties each one of them to the four corners of the partk. the length of rope of each cow is 2 m. Draw how much grass will they bhe able to graze?



Q.7. According to you which line segmet is longest? Here O is the centre of the circle.



(i) OA

(ii) OB

(iii) OC

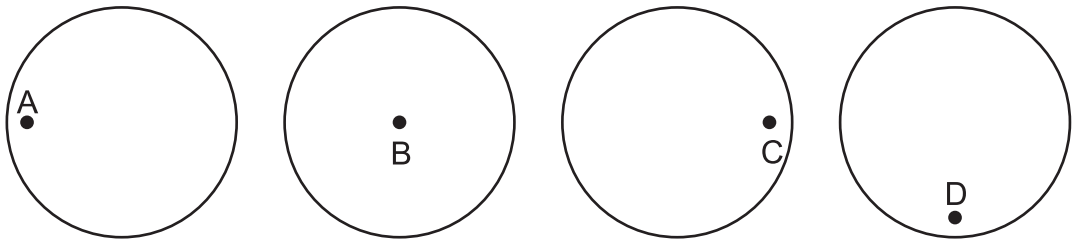
(iv) All are equal

Q.8. How many sides does a circle has?

_____

Q.9. Draw a circle. Mark its centre as O and radius as OA.

Q.10. Which of these top will spin?



Q.11. Ankit has two ropes of 15 cm and 20 cm each. He make circle from the two ropes. Which circle would be bigger in size according to you?

Q.12. If semi is half, semicircle will be half of a circle. Draw a semicircle.

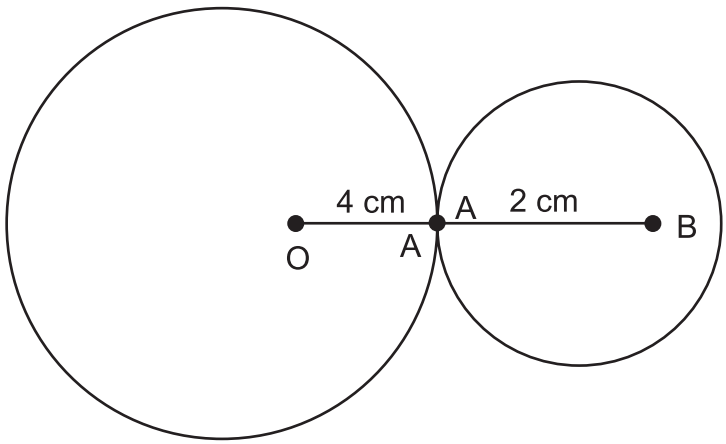
Q.13. Draw circle of following radius using a compass :

(a) 4 cm

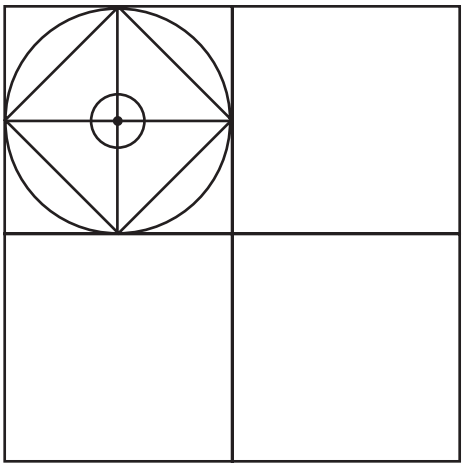
(b) 6 cm

(c) 8 cm

Q.14. In the given figure find the length of OB.



Q.15. Complete this design :

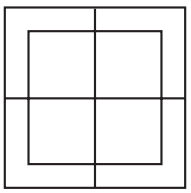


Q.16. Draw a circle of 5 cm radius. Now using the same centre draw another circle of radius half of 5 cm, inside the first circle.

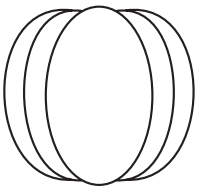
Chapter-9

Halves and Quarters

Q.1. Shade the one half of these shapes.



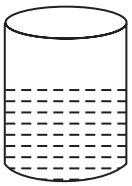
(a)



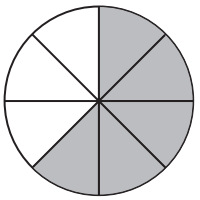
(b)

Q.2. What part of the whole is shaded? Write below each shape.

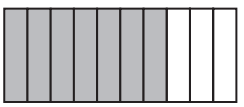
(a)



(b)



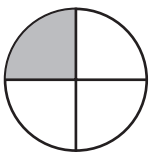
(c)



(d)

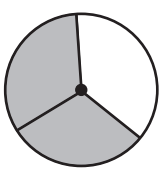
Q.3. What fraction does the shaded area show?

(a)



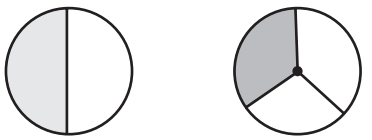
(*i*) $\frac{1}{2}$, (*ii*) $\frac{3}{4}$, (*iii*) $\frac{1}{4}$, (*iv*) $\frac{1}{3}$

(b)

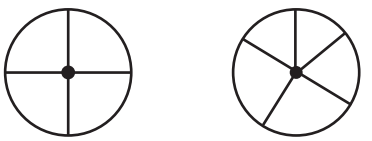


(*i*) $\frac{3}{4}$, (*ii*) $\frac{2}{3}$, (*iii*) $\frac{1}{2}$, (*iv*) $\frac{1}{3}$

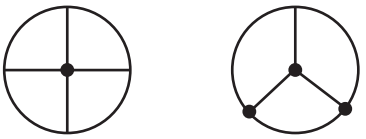
Q.4. Shade and use >, < or = to compare the fractions.

eg. 

$\frac{1}{2}$ > $\frac{1}{3}$

(a) 

$\frac{1}{2}$ ☐ $\frac{2}{5}$

(b) 

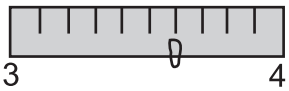
$\frac{3}{4}$ ☐ $\frac{2}{3}$

Q.5. How many ₹ 5 notes are equivalent to ₹ 50?

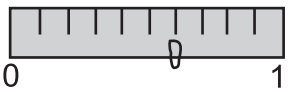
Q.6. 3 kg = 1 kg + 1 kg + ___ g + 500 g?

Q.7. $\frac{2}{3}$ of 6 kg is equal to

(a) 1200 g (b) 3000 g (c) 1500 g (d) 4000 g

Q.8. (a) In a 

pointer is at _____.

(b) In a 

pointer is at _____.

Q.9. Arrange in ascending order :

$\frac{3}{15}, \frac{12}{15}, \frac{7}{15}, \frac{9}{15}, \frac{13}{15}$

Q.10. Find

(a) $\frac{6}{11}+\frac{3}{11}$ (b) $\frac{3}{5}-\frac{2}{4}$

Q.11. There are 20 pencils. A quarter of them are red. How many pencils are red?

Q.12. $\frac{3}{4}=\frac{75}{100}$ true or false?

Q.13. Which figure shows quarters?

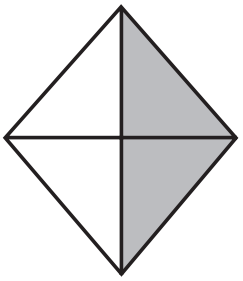
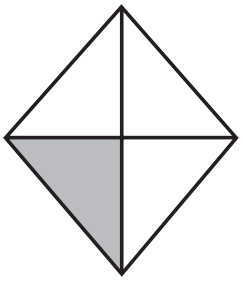
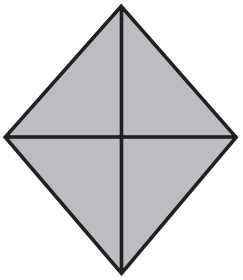
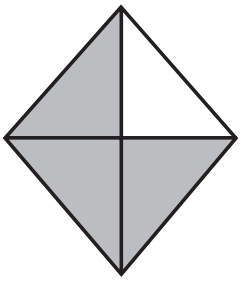
(a) (b) (c)

Q.14. Simran did half of her work on Monday and one fourth of work on Tuesday. What part of total work she did in two days?

Q.15. 200 cm is equal to ____ metre.

Q.16. 3.5 kg is equal to ____ grams.

Q.17. Match all the three columns as shown -

(a)	(i)		Three Quarters	(A)	$\frac{4}{4}$
(b)	(ii)		Half	(B)	$\frac{3}{4}$
(c)	(iii)		Quarter	(C)	$\frac{1}{2}$
(d)	(iv)		Whole	(D)	$\frac{1}{4}$

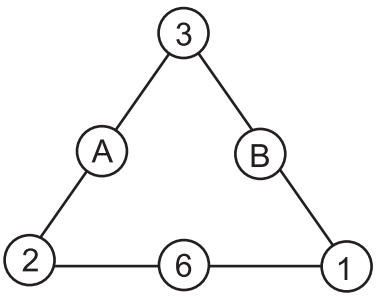
Q.18.

Cost of 15 notebooks = _____

Chapter-10

Play with Pattern

Q.1. Find out A and B so as to make sum equal on each side of this triangle.



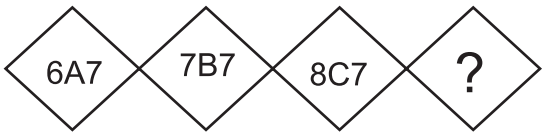
Study the pattern and fill in the missing numbers.

Q.2

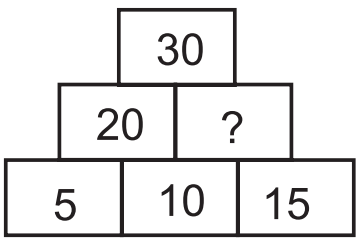
Q.3.

Q.4

Q.5



Q.6



Q.7

3	4	5	6
9	15	25	?

Q.8. 

Q.9. If ABCD .... becomes 1234 ..... then BOOK will become

Q.10. If HOT become GNS

then FOUR will become _____.

Q.11. $1 \times 11 = 11$

$11 \times 11 = 121$

$111 \times 11 = 1221$

$1111 \times 11 = ?$

Q.12. $13 + 18 = 31$

$15 + 16 = 31$

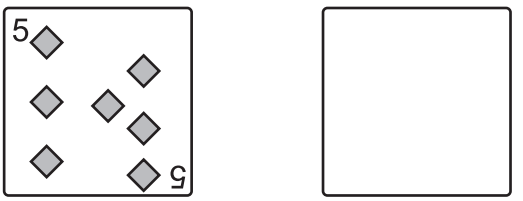
$? + ? = 31$

Q.13.

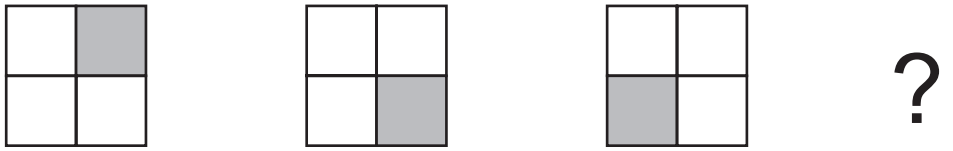
7	8	B
A	6	10
9	4	5

If sum of each row, column and diagonal is equal then find the value of A and B.

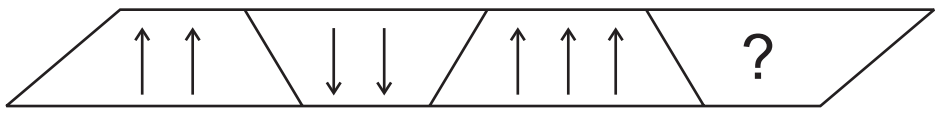
Q.14. Rashi is playing with this cord. Draw what it will look like when gets upside down?



Q.15. Complete the pattern :



Q.16. 

17. 

Chapter-11

Table and Shares

Q.1. $35 \times 0 =$ ☐

Q.2. $15 \times 3000 =$ ☐

Q.3. $308 \times 30 =$ ☐

Q.4. $64000 \div 800 =$ ☐

Q.5. $180 \div 40 =$ ☐

Q.6. $729 \div 9 =$ ☐

Q.7. $\frac{3}{5} \times 120$ is equal to -

(a) 62 (b) 70 (c) 50 (d) 72

Q.8. How many days are there in 3 weeks?

Q.9. Find the greatest 5-digit number that is divisible by 5.

Q.10. A frog jumps 3 steps at a time starting from 0. How many jumps the takes to reach 27?

Q.11. To make 1357 divisible by 3, the smallest number that needs to be add to it is _____.

Q.12. Simplify :

(a) $\frac{2}{3} \times \frac{2}{5} \times \frac{3}{2}$ = _____

(b) $810 \div 90 \times 12$ = _____

Q.13. 12 dozen bananas = _____ bananas.

Q.14. If $5 \times y = 50$, then y is

(a) 50 (b) 20 (c) 10 (d) 5

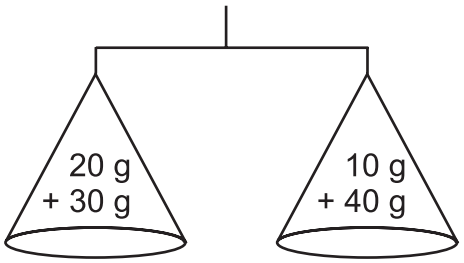
Q.15. Each period in the school lasts 1800 seconds. How much time is that in minutes?

Chapter-12

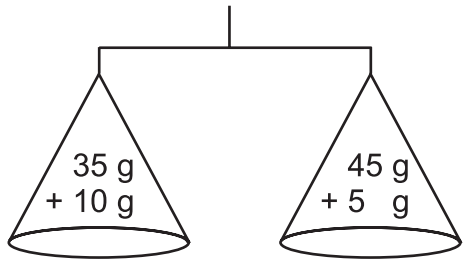
How Heavy ? How Light?

Q.1. Which balance has equal weight?

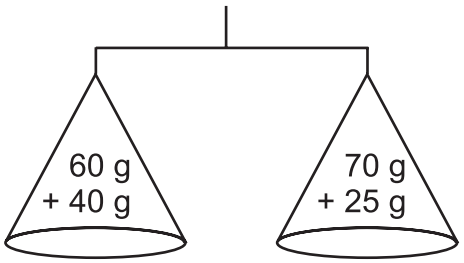
(a)



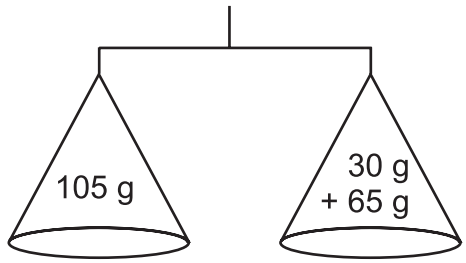
(b)



(c)



(d)



Q.2. Look at the table and answer the following questions :

Name of the children	Weight (in kg)
Nisha	10
Abdul	18
Sofia	12
Kuldeep	20
Rohan	12

(a) _____ is the heaviest.

(b) _____ is the lightest.

(c) _____ and _____ have equal weights.

(d) Kuldeep is _____ kg heavier than Abdul.

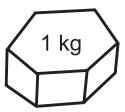
Q.3. We buy milk in _____

(a) metre (b) grams (c) kilograms (d) litre

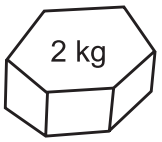
Q.4. What should be added to 700 grams to make it 1 kilogram?

Q.5. If 1 kg watermelon costs ₹ 30, then how much will be the cost of 4½ kg watermelon?

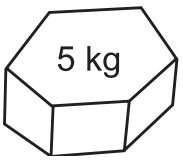
Q.6. Which of the following weight will the vegetable seller use to weigh 6 kg onions?



(A)



(B)



(C)

(D)

(i) A, B (ii) B, C (iii) A, C (iv) A, C, D

Q.7. How many 500 g are needed to make 20 kg?

Q.8. (a) My pen weight 5 _____(g/mg/kg)

(b) My school bag weighs 3 _____ (g/mg/kg)

Q.9. Which is heavier :

One kilogram cotton or one kilogram iron?

Q.10. One kg apples cost ₹ 60. Rajneesh bought some apples and paid ₹ 150. Find out the quantity of apples he bought.

Q.11. Rabiya and Sreekant put a glass and a bucket in each pan of the balance. Which pan will go down and why?

Q.12. Match the column :

(a)	3 kg	(i)	6600 ml
(b)	₹ 800	(ii)	3000 g
(c)	6l 100 ml + 500 ml	(iii)	80000 paisa

Q.13. My weight is 3.5 kg less than Renu's weight. If Renu's weight is 16 kg then find out my weight.

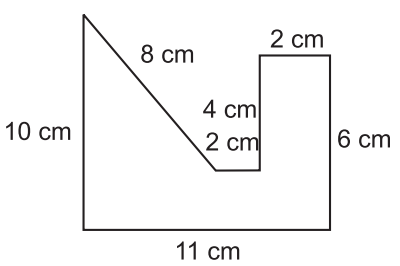
Q.14. Name 3 things that we usually buy in kilograms.

Chapter-13

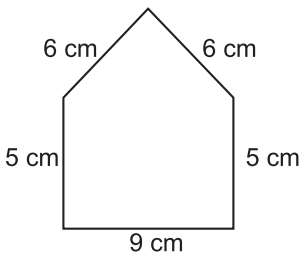
Fields and Fences

Q.1. Find the length of the boundary of the following figures.

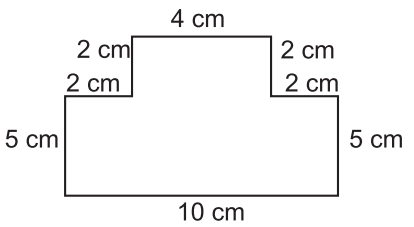
(a)



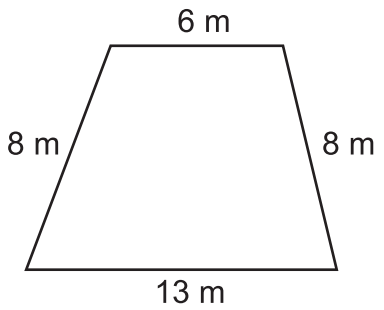
(b)



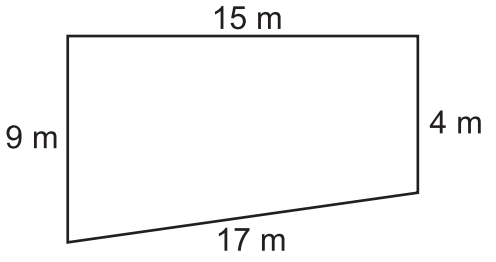
(c)



Q.2. Find how much wire is needed to fence the following fields.



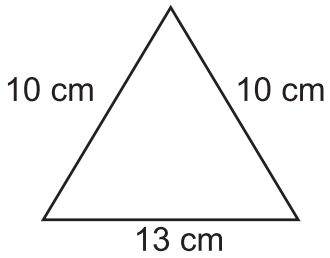
(a)



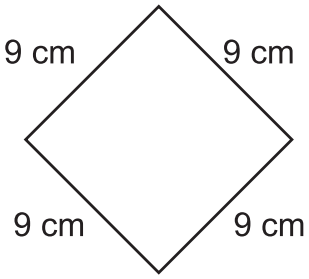
(b)

Q.3. Find out which figure will need the longest wire to fence it :

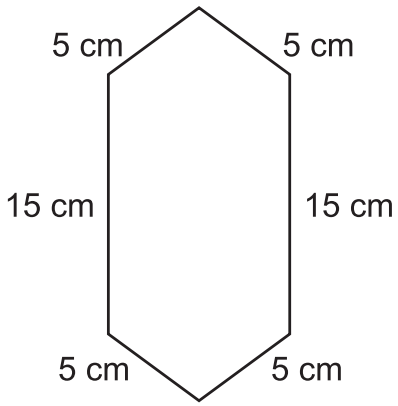
(a)



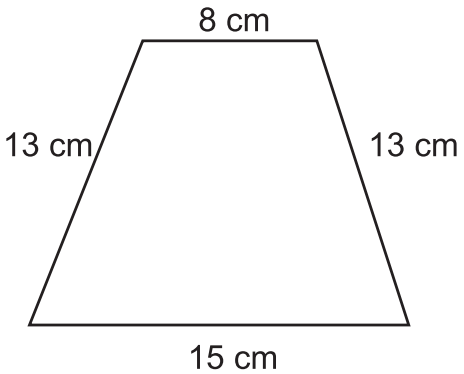
(c)



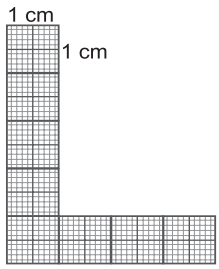
(b)



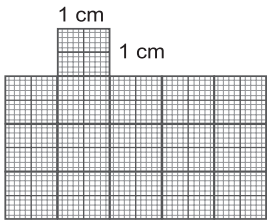
(d)



Q.4. Find the length of the boundary of the following figures if each sq. is 1 sq. cim.

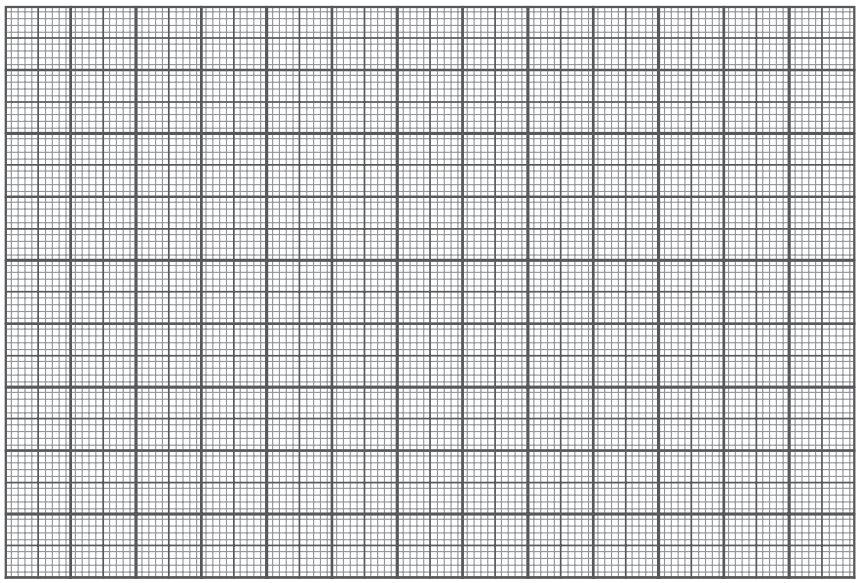


(a)

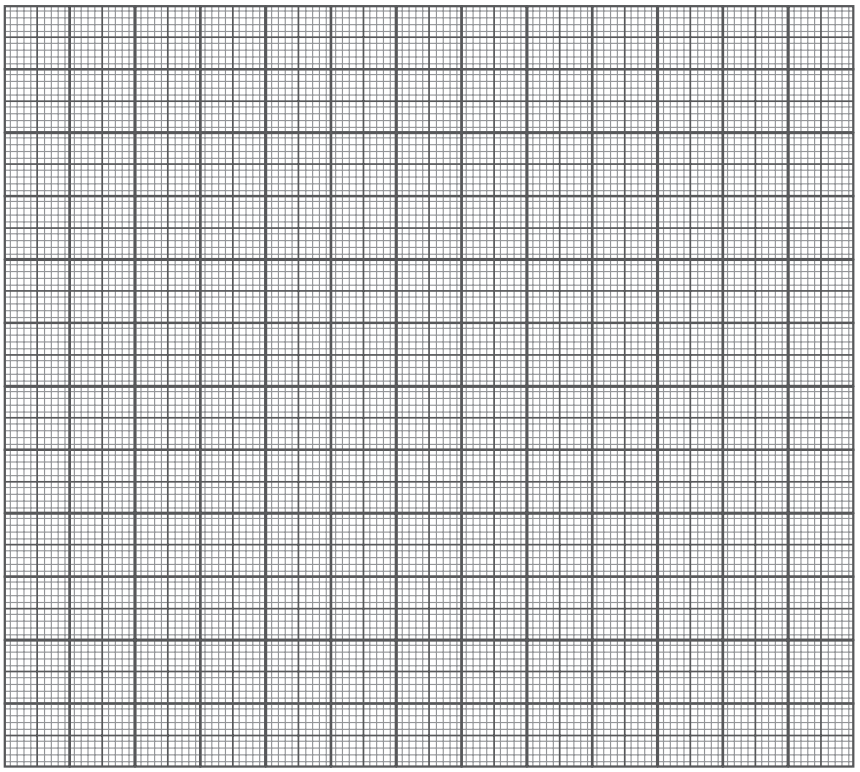


(b)

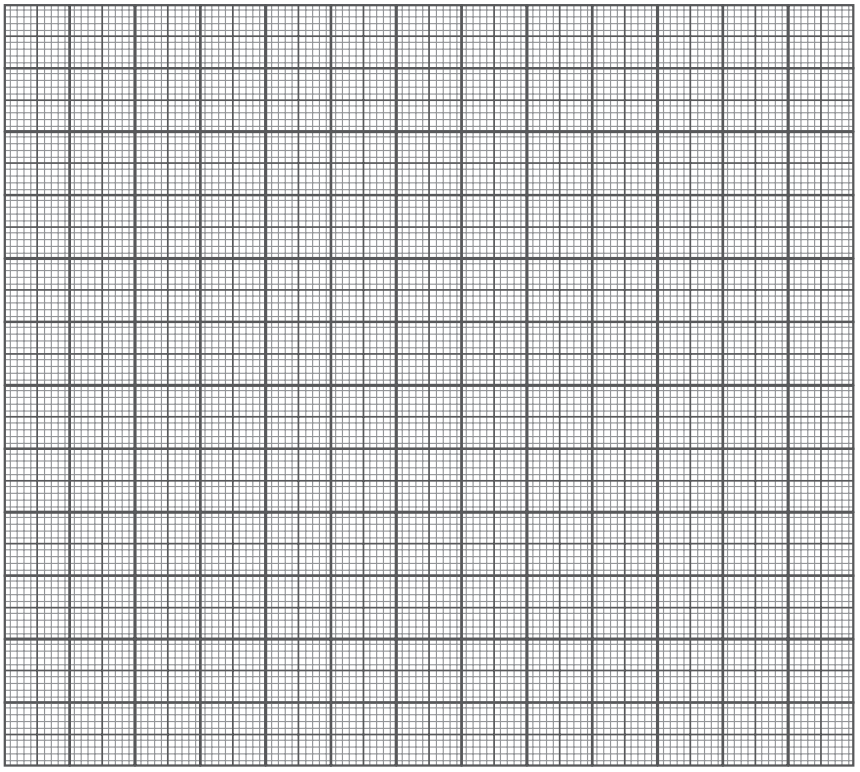
Q.5. Draw a shape which covers 24 squares on the graph paper.



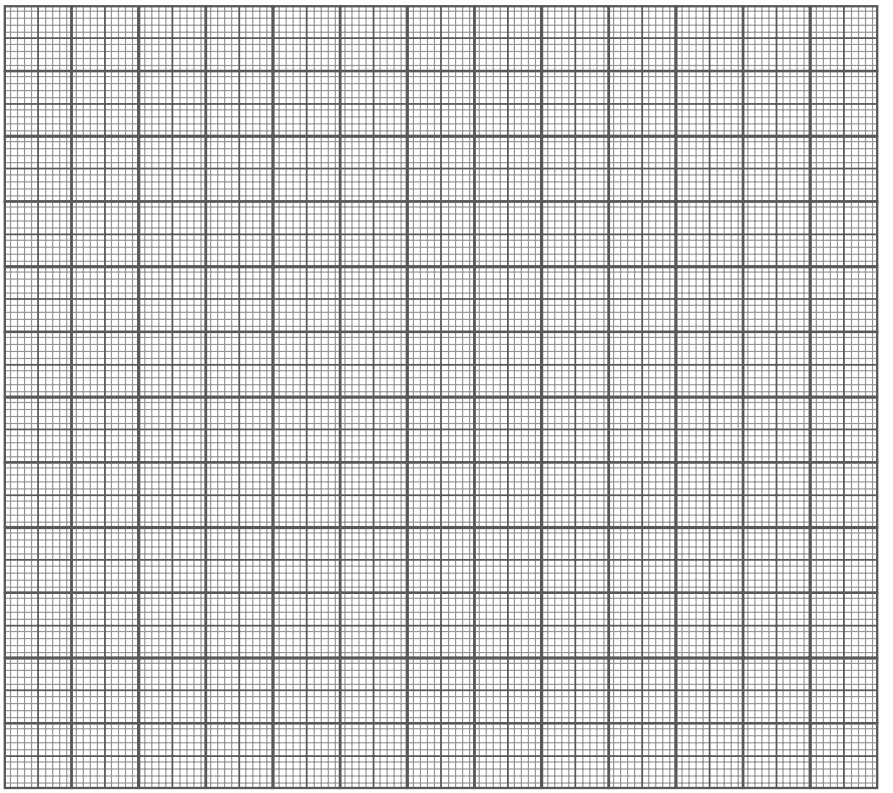
Q.6. Draw and shade a rectangel which covers 40 squares on the given graph paper.



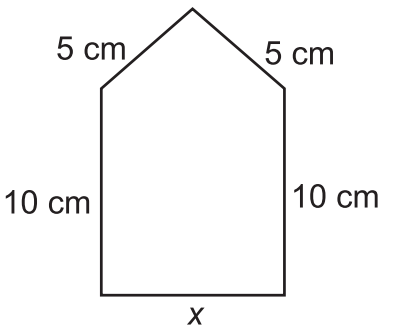
Q.7. On the given graph draw a square and a rectangle with equal perimeter.



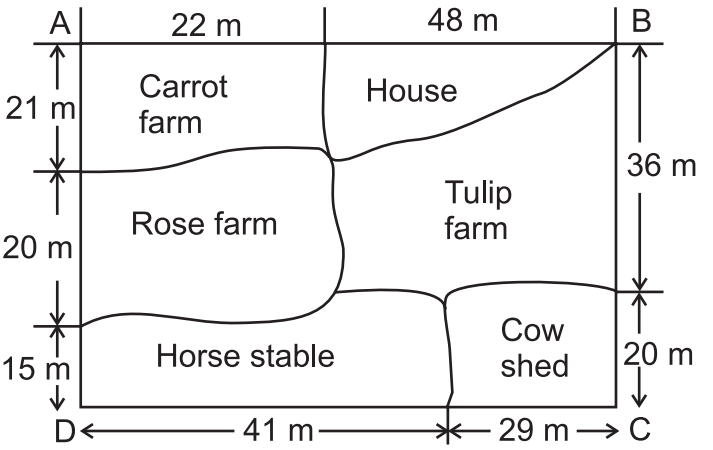
Q.8. On the given graph draw two figures which covers the same number of squares.



Q.9. Find the length of x is if the perimeter of this figure is 38 cm.

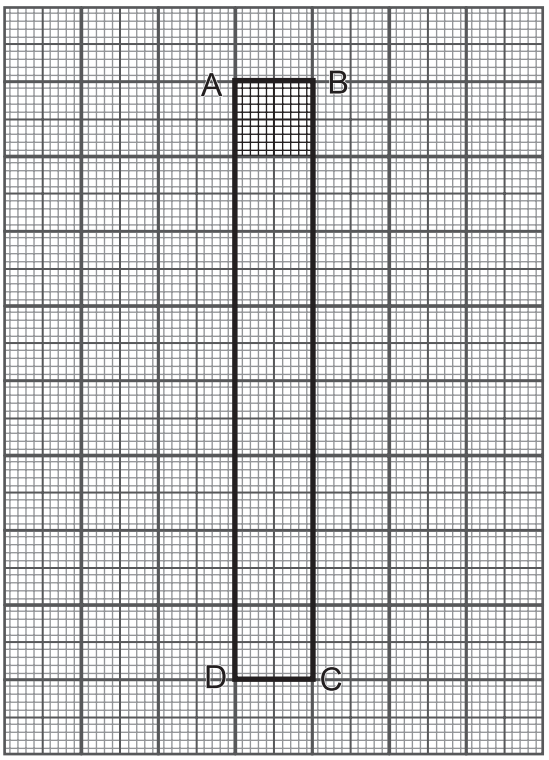


Q.10. Find the length of the boundary of this form house.

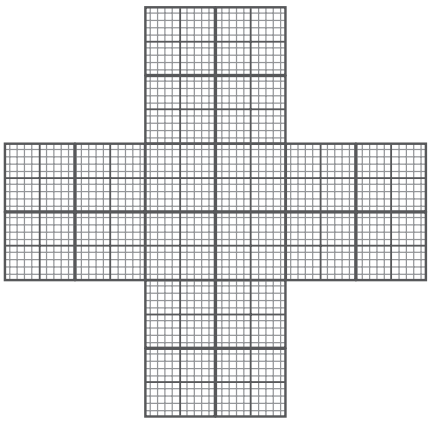


Q.11. (a) What is the length of the boundary of this figure ABCD.

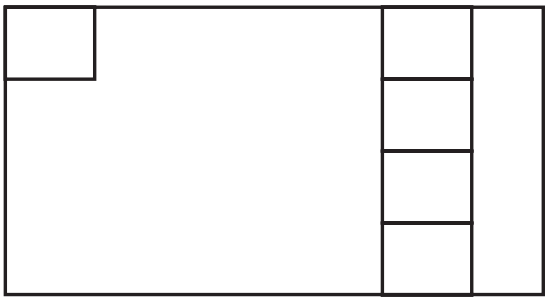
(b) How many squares are covered by this figure.



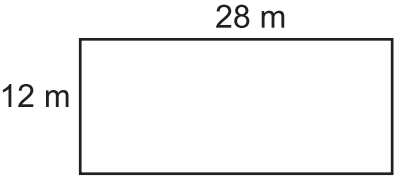
Q.12. How will you divide this picture into 4 equal pieces. How many number of squares will be there in each piece.



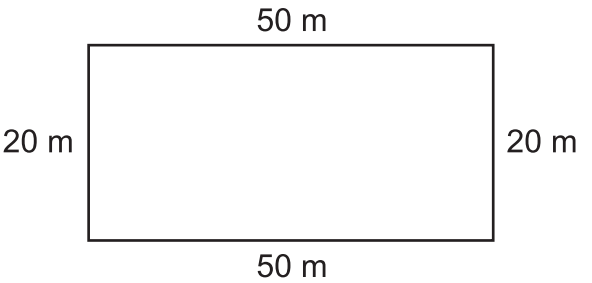
Q.13. Fill in the given rectangle with squares of 1 cm each. How many squares are need to cover this figure.



Q.14. A farmer went to market and bought a fencing wire of 150 m. He wants to put it twice around his form. Is this wire enought?



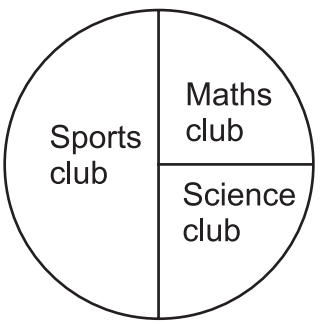
Q.15. Rita runs around the boundary of this rectangular park. She covers 3 rounds of this park. How much distance does she covers?



Chapter-14

Smart Chart

Q.1. There are 400 students in a school. Al the students take part in different club see the chapati chart and answer the following :



(a) Maths club has _____ students

(b) Science club has _____ students

(c) Sports club has _____ students

(d) Maths club students + Science club students = _____ students

Q.2. From the chart find the total numbers of children like the food by them and answer following :

Food Liked by children	No of Children
Pizza	20
Fruits	30
Burger	10

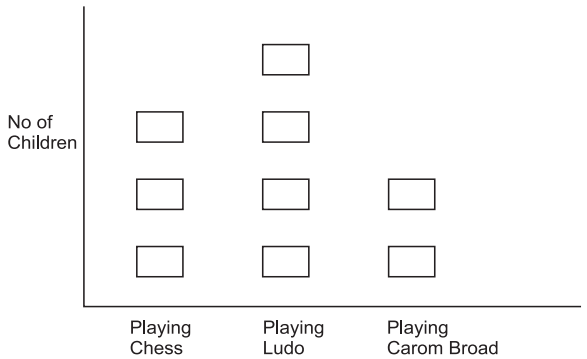
(a) ———————— children like fruit

(b) Children who like fruits are $\frac{1}{3}$ or $\frac{1}{2}$ of the total children. ☐

(c) Eating Fruit is good. (True/False)

(d) Eating Burger and Pizza is bad. (True/False)

Q.3. From the chart below answer the questions :



(a) How many children are playing chess? ☐

(b) How many children are playing Ludo? ☐

(c) How many children are playing Carom Board. ☐

(d) It is good to play indoor games during summer vacation. (True/False)

Q.4. See the table blow and answer :

T.V. Programme	No of Children who like the T.V. Programme
Sports	05
Cartoon	15
Music	08
News	02

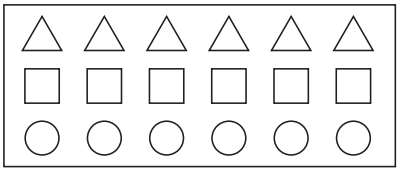
(a) How many children like music programme? ☐

(b) How many children like sports programme. ☐

(c) Which programme is like by maximum children? ☐

(d) Watching T.V. for longer hours is bad? (True/False)

Q.5. See the chart below and ansewer :



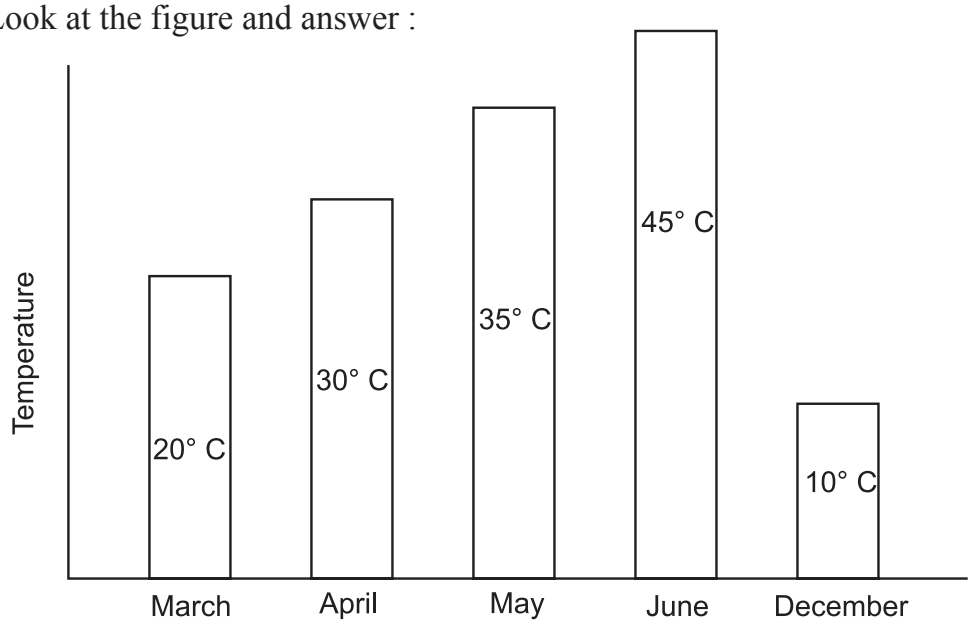
(a) How many triangles are there in the chart? ☐

(b) Number of circles are _____ ☐

(c) Number of squares are _____

(d) Total no. of geometrical figures is _____

Q.6. Look at the figure and answer :



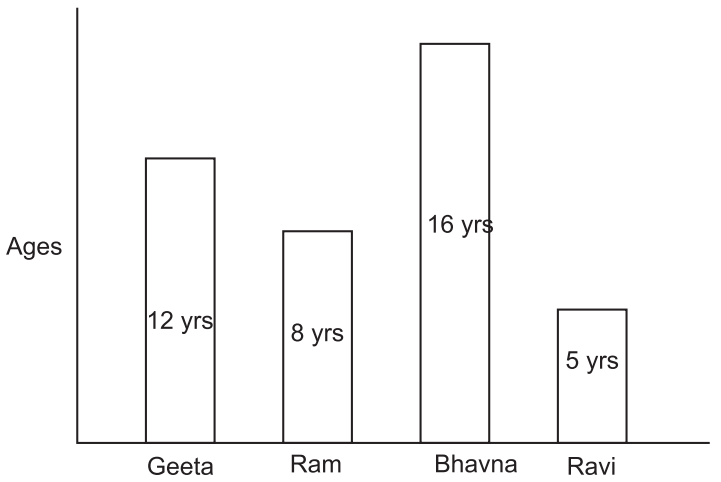
(a) Maximum temperature = _____

(b) Minimum temperature = _____

(c) Temperature in the month of March = _____

(d) 30° C is the temperature in the month of = _____

Q.7. Following chart shows the ages of some students. Fill in the blanks :



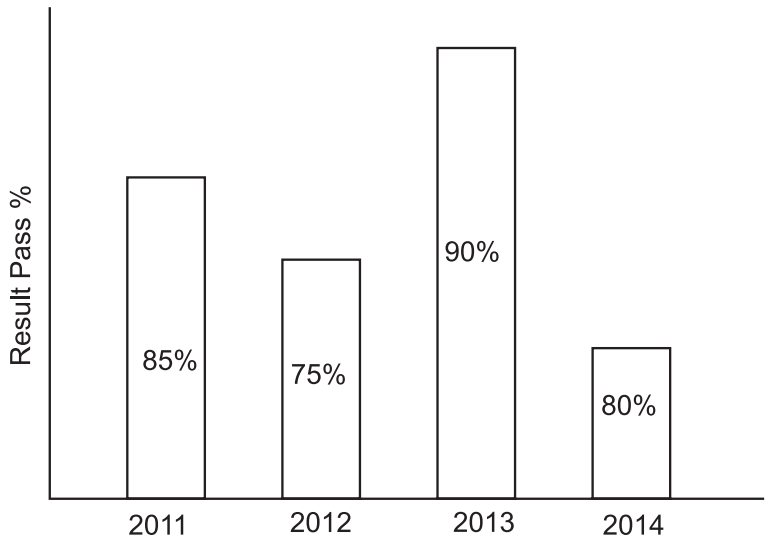
(a) Age of Ram is _____

(b) _____ is youngest

(c) _____ is eldest

(d) Sum of Geeta and Ravi's age = _____

Q.8. The chart shows the result of a school in different years. Fill in the blanks.



(a) 75% result was in _____ year

(b) In 2014 result was _____ %

(c) Maximum result was in _____ year

(d) Difference of maximum and minimum result _____

Answer Key

CHAPTER-1

1. 6
2. 300
3. 30 bricks
4. 10
5. Yes
6. B Soil
7. Students draw it themselves
8. B (8 cm)
9. 20 trucks
10. 1 lakh
11. Students draw it themselves.
12. C, E
13. Students draw it themselves.
14. ₹ 1750
15. C (Water)

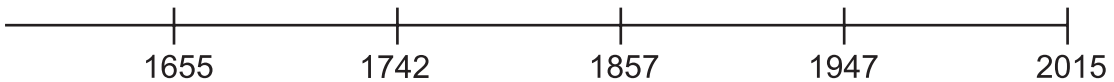
CHAPTER-2

1. Students draw it themselves
2. D
3. 5.6 cm
4. (a) 1000 cm
   (b) 5000 cm
5. 400 m
6.

Metres	1	5	7	8
Centimetres	100	500	700	800

7. 2 m 34 cm
8. 20 m
9. 18 km
10. 8 cm
11. C
12. (a) 7000 m
    (b) 2500 m
    (c) 15305 m
    (d) 9050 m
13. Ram is taller than Seeta by 35 cms.
14. ₹ 1200/-
15. Students draw it themselves.

CHAPTER-3

1. (a) 5000 ml
   (b) 3500 ml
2. 1050 g
3. (a) 5.5 cm (b) 2.5 cm (c) 2 cm (d) 2.6 cm
4. 1390 g
5. (a) =
   (b) <
   (c) <
   (d) =
   (e) <
6. b, c
7. 600 toffees
8. 257, 572, 725, 527, 275, 752
9. 250 gm
10. 900 persons
11. (a) 650 m
    (b) 890 m
    (c) 2 km 100 m
    (d) 760 m (hospital)
    (e) Students draw it themselves
    (f) 5310 m or 5 km 310 m
12. 18 litres
13. ₹ 90/-
14. 12
15. 

CHAPTER-4

1. (a) > (b) < (c) > (d) >
   (e) >
2. January, June, July (3 months)
3. 10 hours
4. (a) 1 year 3 months (b) 15 days
   (c) 1 year 6 months (d) 10 days
5. Students draw it themselves.

6. 4:45 pm
7. (a) 31 July 2009 (b) 20 Oct. 2011
   (c) 26 January 2014 (d) 12 March 2013
   (e) 12 December 2012
8. 21:30
9. 2:10 pm
10. (a) 13:00 hr
    (b) 21:00 hr
    (c) 15:30 hr
    (d) 18:00 hr
    (e) 23:30 hr
11. 31 July 2011
12. 5:50 pm
13. 96 hrs
14. 60 months
15. 17:20

CHAPTER-5

1. True 2. True 3. False 4. True
5. True
6. (a) Narrow
7. (a) Big
8. (c) Small
9. (a) Opposite
10. (c) Small
11. (c) Eight
12. (a) Small
13. (c) Very small
14. Left
15. (a) 2 (b) 6 (c) 3 (d) (A)

CHAPTER-6

1. $15 \times 80 = 1200$
2. (a) 8.10, 8.45, 8.50, 8.75,
   (b) 1005, 1050, 1500, 5010

3. ₹ 50 ₹ 50 > ₹ 100

₹ 2 ₹ 2 ₹ 1 ₹ 1 ₹ 1 ₹ 1 ₹ 1

₹ 105 ₹ 104

4. True
5. ₹ 554
6. 36600 Rupees
7. ₹ 3600
8. ₹ 66
9. ₹ 360
10. ₹ 975, yes she has enough money to buy both the things
11. (i) Pomegranate ₹ 180 per kg
    (ii) ₹ 280
12. ₹ 222
13. The Junkseller had profit. ₹ 50/-
14. ₹ 1050
15. ₹ 3450

CHAPTER-7

1. 1 liter = 1,000 ml

   Both are equal.

2. (i) 300 ml + 700 ml = 1 litre

   (ii) 500 ml + 500 ml = 1 litre

   (iii) 450 ml + 550 ml = 1 litre

4. (a) 15 ml approximately

5. $\frac{1}{2}$ litre = 500 ml

6. (a) 6 ml + 4 ml + 5 ml — 2ml + 8 ml + 5 ml
   (b) 350 ml + 150 ml — ½ Litre
   (c) 650 ml + 350 ml — 1 Litre
   (d) 400 ml + 100 ml + 250 ml — 750 ml

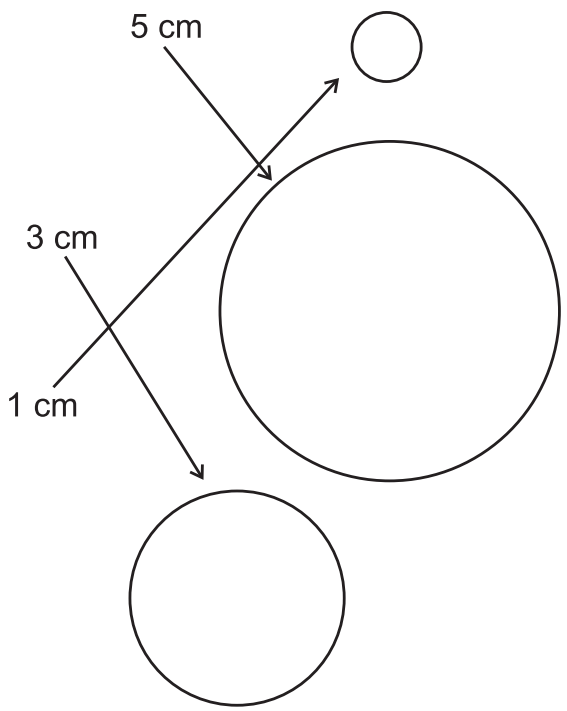
7. 350 ml + 550 ml is the wrong combination

   350 ml + 550 ml = 900 ml

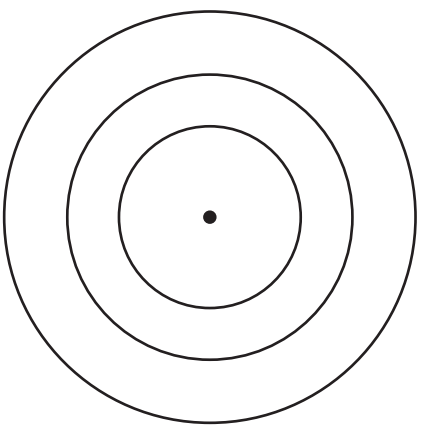
   1 lit. = 1,000 ml. Hence it is wrong.

8. ₹ 1,000
9. 710 litre
10. Each container will have 250 ml of water.
11. Yes, Ameesha is right as Naman is taking only 14000 ml instead of 15000 ml.
12. Children marke it themselves.
13. 3 and ½ litres
14. (a) Family 1
15. 260 ml

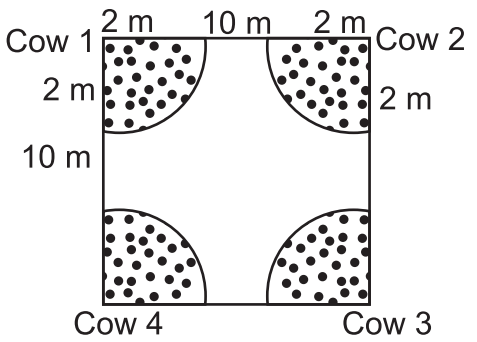
CHAPTER-8

1. None
2. Radius
3. 

4. False
5. Yes many circles can have one centre.



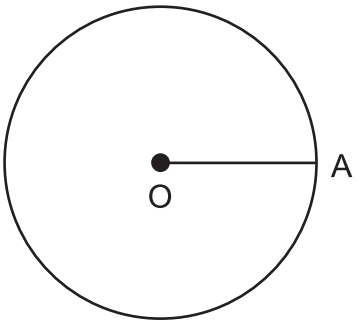
6.



7. All are equal

8. None

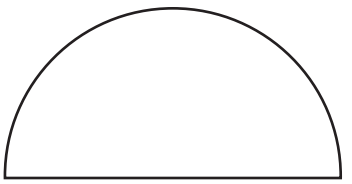
9.



10. Circle with centre B.

11. The circle made from 20 cm rope will be bigger.

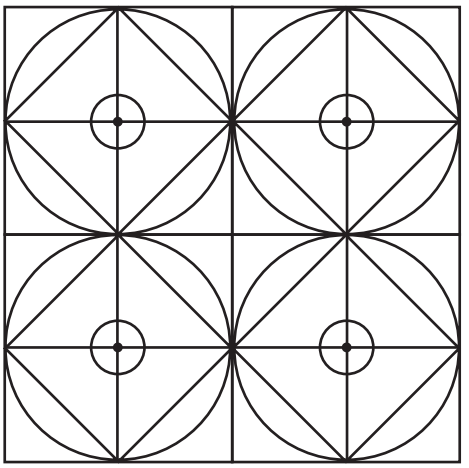
12.



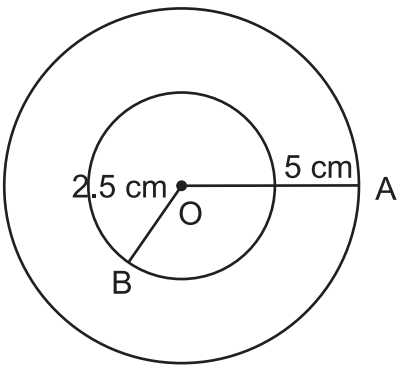
13. Students to do it themselves.

14. OA = 2 cm
    AB = 2 cm
    OB = OA + AB
    = (2 + 3) cm
    = 5 cm

15.



16.



CHAPTER-9

1. (a) (b)
2. (a) $\frac{3}{4}$ (b) $\frac{1}{2}$ (c) $\frac{5}{8}$ (d) $\frac{7}{10}$
3. (a) (iii) $\frac{1}{4}$
   (b) (ii) $\frac{2}{3}$
4. (a) $\frac{1}{2} \boxed{>} \frac{2}{5}$
   (b) $\frac{3}{4} \boxed{>} \frac{2}{3}$
5. 10
6. 500 g
7. (d) 4000 g
8. (a) 3.6 (b) 0.4
9. $\frac{3}{15} < \frac{7}{15} < \frac{9}{15} < \frac{12}{15} < \frac{13}{15}$

10. (a) $\frac{9}{11}$ (b) $\frac{2}{20}$ or $\frac{1}{10}$

11. 5

12. True

13. C

14. $\frac{3}{4}$

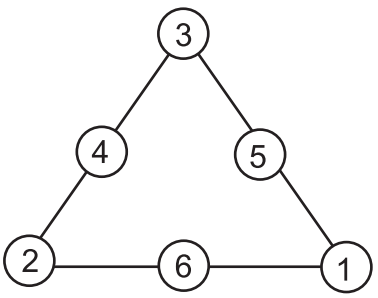
15 2 metre

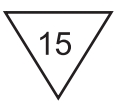
16. 3500 g

17. (a) (iii) - C
    (b) (iii) - D
    (c) (iv) - A
    (d) (i) - B

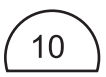
18. ₹ 225

CHAPTER-10

1. 

2. 

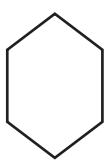
3. 

4. 

5. 

6. 25

7. 36

8. 

9.

2	15	15	11

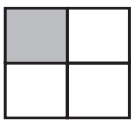
10. ENTQ 11. 12221

12. 17 + 14 = 31

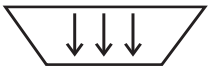
13.

7	8	3
2	6	10
9	4	5

14. It will be exactly same as the previous one.

15. 

16. 

17. 

CHAPTER-11

1. 0
2. 4500
3. 9240
4. 80
5. 4.5
6. 81
7. (d) 72
8. 21 days
9. 99995
10. 9 jumps
11. 2
12. (a) $\frac{2}{5}$ (b) 108
13. 144 bananas
14. (c) 10
15. 30 minutes

CHAPTER-12

1. a
2. (a) Kuldeep
   (b) Nisha
   (c) Sofia and Rohan
   (d) 2
3. (d) litre
4. 300 g
5. ₹ 135
6. (iii) A, C
7. 40
8. (a) g
   (b) kg
9. Both are equal in weight.
10. $2\frac{1}{2}$ kg
11. Pan of the balance having bucket will go down because it is heavier than the one having glass.
12. (a) ... (ii)
    (b) .... (iii)
    (c) .... (i)
13. 12.5 kg
14. Students do it yourself.

CHAPTER-13

1. (a) 43 cm (b) 31 cm (c) 32 cm
2. (a) 35 cm (b) 45 cm
3. Figure B will need longest wire of 50 cm
4. (a) 18 cm (b) 18 cm
5. Students can draw any figure - regular or irregualr.
6. Students draw themselves.
7. Students draw themselves. The length of the boundary should be same.
8. Students do this themselves with any shape of their choice.
9. $x = 8$ cm.
10. 252 m

11. 18 cm = Length of the boundary
    No. of squares = 8 squares.
12. Each piece will have 5 squares.
13. Students do it themselves.
14. This wire is 10 m short from the required wire.
15. 420 metres

CHAPTER-14

1. (a) 1000 g

1.	(a)	100	(b)	100	(c)	200	(d) 200
2.	(a)	30	(b)	$\frac{1}{3}$	(c)	True	(d) True
3.	(a)	3	(b)	4	(c)	2	(d) True
4.	(a)	08	(b)	05	(c)	Cartoon	(d) True
5.	(a)	6	(b)	5	(c)	7	(d) 18
6.	(a)	45°C	(b)	10°C	(c)	20°C	(d) April
7.	(a)	8 years	(b)	Ravi	(c)	Bhawna	(d) 17 yrs
8.	(a)	2012	(b)	80%	(c)	2013	(d) 15%