ATOMIC ENERGY CENTRAL SCHOOL NO.4, RAWATBHATA

Class- IV   **Sub: Maths**

Q1. Fill in the blanks.

a) A brick has _____ faces, _____ corners and _____ edges.

b) We can see arch in _____, _____ and _____.

c) The arch with a veil is also known as _____.

d) 1 lakh = _____ thousand.

e) The bricks are made in a _____.

f) 1 km = _____m   **g) 3 ½ km = _____m**

h) 4500 m = _____km __ m   **i) 7km7m = _____m**

j) Half of 524 is _____   **k) 11 cm less than 7m is ____m____cm**

l)A number which can be divided by 2,5 and 6 and come between 0 and 40 is _____

m)A spider climbs 5 cm in 1 minute but slips down 2cm. It will take _____minutes to climb 6 cm.

n)A bus can carry 60 children. _____buses are needed for 120 children.

o)A number becomes double if it is increased by 8. The number is_____.

p)Seema goes to school at 7:30 a.m everyday she comes back at 1:40. She spends_____hours in school.

q)The minute hand takes _____minutes to move from 3 to 5.

r)20 minutes after6: 50 is _____

s)The hour hand takes_____minutes to move from one number to the next.

t)There are _____minutes in 2 hours.

u)There are _____days in 3 months.

Q2 Do as directed.

1. Draw the following patterns in a wall.

a) Floor Patterns   **c) Arch Patterns**

b) Jaali Patterns

Q2. Make a drawing of a brick to show 3 of its faces.

Q3. The length of a brick is 25cm. How many such bricks are needed to make a 2 metre wall?

Q4. Look at the cost of bricks.

Bricks	Cost in Rs.(per thousand bricks)
Old bricks	4500
New bricks	5000
New bricks from Kota	5400

a) what is the cost of 4000 old bricks?

b) Which are the cheapest bricks? _____

c) Jatin bought 2500 new bricks from Kota. How much did he pay?

d) Find out what he will pay if he buys 500 new bricks?

Q5a) Draw the line segments of following lengths.

    i) AB = 5.4 cm   **ii) PQ = 4.8 cm**

b) Add the following:

  i) 4 m 26 cm and 8 m 68 cm   **ii) 7 m4 cm, 70 cm and 9 m 25 cm**

c) Subtract the following:

  i) 20 km312 m and 45 km   **ii) 10 m and 6m 25 cm**

Q6. Gaurav runs 4 rounds of a square field with sides 250 m.

  i) How much distance will he cover in one round?

250m
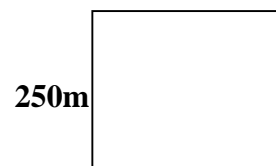
ii) How much distance will he cover in 3 rounds?

iii) How many rounds of the field must Gaurav run to complete 5 km?

Q7. David's height 1m 52cm and Jane's height is 15 cm less than David's height.

Thomas is 20cm taller than Jane. Find the heights of Jane and Thomas.

Q8. Nidhi comes to school from very far. She first walks about 385 m beside river then, she runs 370 m across a field. Next she walks 225m from from the garden. Then she carefully crosses the 50 m wide road to reach her school.

a) How much does Nidhi walk everyday to reach school?

b) Is it more than 1 km?

Q9. Solve the following.1. A bus can carry 64 children. How many children can 5 buses carry?

Q10. The cost of 1 litre petrol is Rs.75. How many litres of petrol can we buy with Rs. 225?

Q11. There are 65 bisons and 102 deer. How many more deer are there than bisons?

Q12. There are 30 children. Each child is to be given 2 bananas and 5 biscuits. How many bananas and biscuits are distributed?

Q13. What numbers can you make using 1, 3 and 9? (3 digit number)

Q14. Raghav gave 5 toffees each to four of his friends and 3 toffees are left with him. How many toffees did he have?

Q15. If 1 bus can carry 40 students, how many buses are needed to carry 240 students?

16.There are 20 children. Each child is to be given 3 oranges and 2 chocolates. 5 children do not eat oranges. How many oranges and chocolates are distributed?

17. Shalini gave 4 kit-kat chocolates each to her 6 friends and 5 kit-kat are left with her. How many kit-kat did she have?

18.There are different kinds of buses which are running in the zoo Park. Each bus has a different ticket price and trip time.

Name of the bus	Ticket price	Trip time
Deluxe bus	Rs. 50	45 minutes
Express bus	Rs.45	30 minutes
Ordinary bus	Rs.40	1 hour
Luxury bus	Rs. 60	40 minutes

    a. Which bus takes 1 ½ hour to complete two trips?

    b. Which bus gives the most time taking and the least money?
    c. One group of children paid Rs. 270 for express bus. How many children went for the expres bus trip?

    d. Which bus makes two trips in 1 hour?

Q19. A bus can carry 64 children. How many children can 6 buses carry?
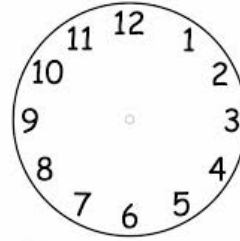
Q20. Draw the hands of the clock to show the time.

Half past 5
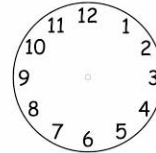
20 min. after 2 o'clock

15 min. after 10

8 : 55

40 min.after 3 o'clock

Q21. How long will it take the minute hand to move from-
   a. 8 : 05 to 8:40 _____minutes.   b. 1:55 to 2:20 _____minutes.

Q22. Write the names of any four activities that take about 1 hour to complete.

_____   _____

_____   _____

Q23. How many days passed from-
   a. 5th November to 25th December.   _____
   b. 15th June to 17th July. _____.

Q24. Change the following into 12- hour clock time using am or pm.
   a. 19:45 hours - _____   b. 22 :30 hours - _____
   c. 02:00 hours - _____   d. 12:00 hours -_____

Q25. Change the following into 12- hour clock time.
   a. 5: 30 in the morning.- _____   b. 11:20 pm - _____

5

c.2 o'clock in the afternoon - _____   d. 9 o'clock at night - _____

Q26. Where have you seen 24-hour clock time being used?

_____   _____

_____   _____

Q27. On a cough syrup bottle it was written.

    Mfg. dt. : 8/10   Exp. Dt. : 8/12

This shows the month and year till when it is safe to take.

    a. What month and year is written as 8/10?

_____

    b. Would it be safe to take the syrup in October 2012?

_____

Q28. What these dates stand for.

12/12/12 - _____   05/04/03 - _____

02/10 / 05 - _____   31 / 02 /14 - _____

Q29. Draw the following.

    a) Top and Front view of a railway track.

        Top view   front view

    b) Top and front view of a Pipe.

Top view   front view

    c) **Top and front view of a funnel.**

 Top view   front view

30. The numbers on the opposite side of a dice add up to 7.

    1. Which number was on the opposite side of 6?

        _____

    2. Which number was on the opposite side of 3 ?

        _____

6

3. Which number was on the opposite side of 2?

_____

31. Find the number of days

a) Summer vacation 6/5/2014 to 19/6/2014 -------------------------------------

b) Mid Term Break 9/11/2015 to 21/11 2015 ---------------------------------

c) Winter Break 19/12/2015 to 3/1/2016 --

32.   On a biscuit mfg is written 11/14 Best before is 180 days.

 a)   Is it Safe if any body takes it on June 2015. --------------

33.Draw a shape using 6 square grids to make a dice when we fold it. Write number also.

34. Write any four containers which hold more than 1 litre liquid.

1 ----------------------- 2------------------------ 3-------------------------- 4 --------------------

35. Find the product by box method

 i) 76 x   84   ii) 93 x   67

36. Moti bought some junk from the junk collectors. She paid them Rs 874. She sold junk at
     Bholu's shop and gave her these notes and coins. How much money he earned this time?   9

notes of   24 notes of   9 notes of

 7 notes of   6 notes of

37. Rita was ill. The doctor gave her a bottle with 400 ml. She has to take the medicine every morning for 20 days. How many millilitres of medicine does she have to take every day?

38. Name four animals which can drink less than 1 litre.

1 ----------------------- 2------------------------ 3-------------------------- 4--------------------

39. Name four animals which can drink more than 1 litre

1 ----------------------- 2------------------------ 3-------------------------- 4--------------------

40. Jyoti's bottle holds one litre water. She drank 250 millilitres of water and her friend drank 200 millilitres water. How much water is left in the bottle?

41. To draw circles on the ground Sita and Shan used nails and ropes. Sita used 1m long rope and Shan used 85 cm long rope.

- The radius of Shan's circle is _____cm.
- Sita's circle is _____than Shan's circle.(bigger/smaller)

42. Draw the circles of the following radius.

a. 3.5 cm   b. 2 cm.