

1. Tina had four numbers. She used each number only once to make a larger number.

7 9 4 5

If Tina put the 9 in the ten's place, what would be the largest number she could make ?

- A. 7,954
- B. 7,549
- C. 7,594
- D. 9,754

Right Answer:: C

2. The jar shows the rounded figure. How many marbles could be in the jar?



- A. 195
- B. 240
- C. 275
- D. 350

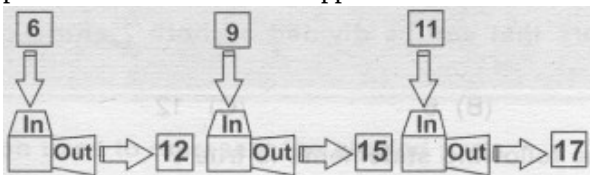
Right Answer:: A

3. 1 crore = _____.

- A. 1 million
- B. 1 billion
- C. 10 million
- D. 5 million

Right Answer:: C

4. A number machine uses a rule to change each number that is put in to a different number. The same rule is used every time. The picture below shows what happened when the number 6, 9 and 11 were put into the number machine.



Which of the following could be the rule used by the number machine ?

- A. Multiply by 2
- B. Multiply by 6
- C. Add 3
- D. Add 6

Right Answer:: D

5. An input-output table is shown below.

Input(A)	Output(B)
7	14
12	19

20	27
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Which of the following could be the rule for the input - output table?

- A. $A \times 2 = B$
- B. $A + 7 = B$
- C. $A \times 5 = B$
- D. $A + 3 = B$

Right Answer:: B

6. Replace * by a number?

$$\frac{2}{5} = \frac{*}{15}$$

- A. 6
- B. 7
- C. 5
- D. 30

Right Answer:: A

7. $\frac{2}{3} ? \frac{1}{4}$

- A. >
- B. <
- C. =
- D. Can't say

Right Answer:: A

8. Mr. Sharma bought $\frac{5}{6}$ m of red fabric and $\frac{1}{6}$ m of green fabric. How much more red fabric than green fabric did Mr. Sharma buy ?

- A. $\frac{4}{4}m$
- B. $\frac{6}{8}m$
- C. $\frac{5}{12}m$
- D. $\frac{4}{6}m$

Right Answer:: D

9. Sonika went to her friend's house at 1:15 p.m. Her father told her to be back home in 1 hour and 45 minutes. What time does Sonika needs to be at home?



- A. 2:00 p.m
- B. 2:30 p.m
- C. 2:45 p.m
- D. 3:00 p.m

Right Answer:: D

10. Read the menu of a famous hotel and answer the following question.

Menu			
Item	Cost (Rs.)	Item	Cost (Rs.)
Soup	30.00	Chips	10.00
Juice	10.00	Coffee	3.00
Pizza	70.00	Tea	2.00
Cutlet	12.00	Water bottle	2.00

If Sonia bought 2 soups, how much she has to pay?

- A. Rs. 30
- B. Rs.42
- C. Rs.60
- D. Rs.70

Right Answer:: C

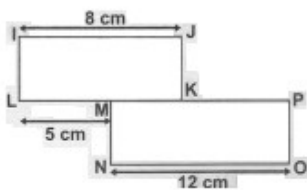
11. How many cubes are needed to make the given solid ?



- A. 9
- B. 14
- C. 18
- D. 21

Right Answer:: C

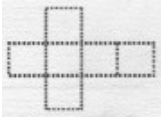
12. IJKL and MNOP are rectangles. Find KP.

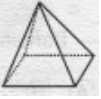
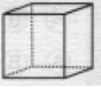


- A. 3 cm
- B. 5cm
- C. 8cm
- D. 9 cm

Right Answer:: D

13. Varun made a shape by folding the given Which shape did Varun make ?



- A. 
- B. 
- C. 
- D. 

Right Answer:: C

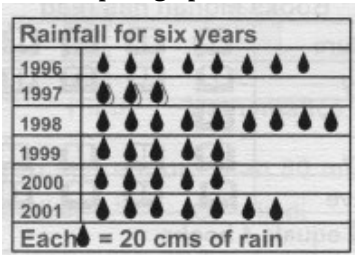
14. What is the value of the ring ?

			₹ 1020
			₹ 820
			₹ 890
₹ 550	₹ 890	₹ 1290	

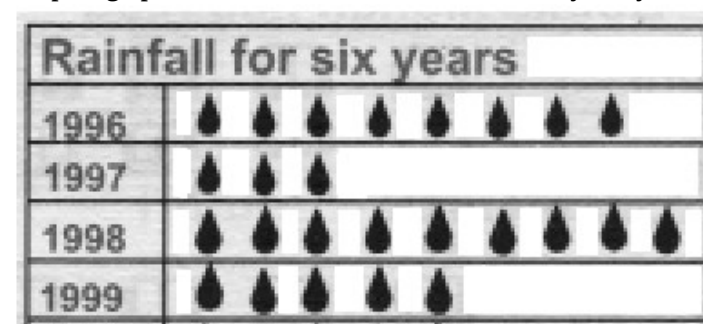
- A. Rs. 120
- B. Rs. 180
- C. Rs. 360
- D. Rs. 490

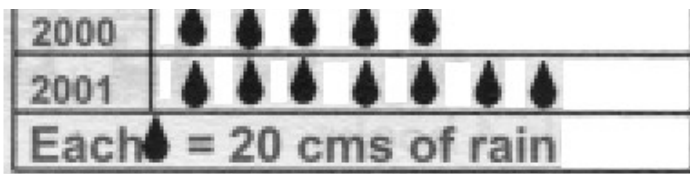
Right Answer:: B

15. The pictograph shows the amount of rain received by a city over a few years.



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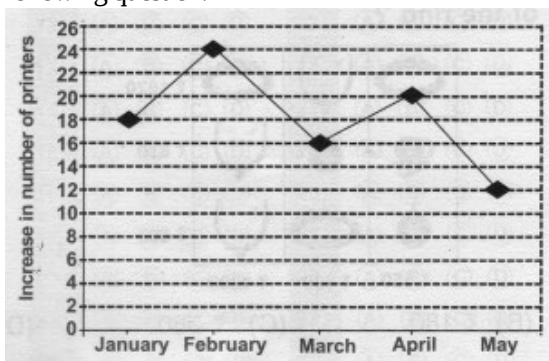


How much more rain did it receive in 1998 than 1999?

- A. 80 cm
- B. 85 cm
- C. 4 cm
- D. 90 cm

Right Answer:: A

16. The line graph shows the number of printers sold by Priyansh computer mart over 5 months. Use the graph to answer the following question.



In which month was there the biggest increase in the number of printers sold?

- A. January
- B. March
- C. February
- D. April

Right Answer:: C

17. Anmol is using a subtraction rule to make the number pattern shown below.

281 278 275 272 269

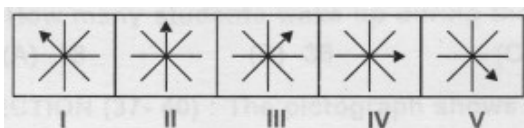
the pattern continues in the same way, what will be the 7th number in the pattern ?

- A. 270
- B. 266
- C. 263
- D. 260

Right Answer:: C

18. Find the figure from the alternatives which will continue the series given in the problem set.

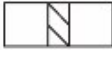
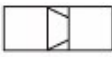
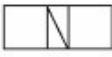
Problem Set



- A. 
- B. 
- C. 
- D. 

Right Answer:: B

19. Divya drew lines on a rectangle to make a figure with exactly 2 squares, 2 triangles, and 1 trapezoid. Which figure is the one that Divya drew?

- A. 
- B. 
- C. 
- D. 

Right Answer:: B

20. Amit arranged some tiles in the pattern shown on the right. Which number sentence is the best representation of Amit's arrangement of tiles ?

□□□□□□□
 □□□□□□□
 □□□□□□□

- A. $7+3=10$
- B. $7\times 3=21$
- C. $7\times 7=49$
- D. $21-3=18$

Right Answer:: B

21. At the bake sale you sold cookies for Rs 5 each. You earned Rs 40. How many cookies did you sell?

- A. 10
- B. 4
- C. 5
- D. 8

Right Answer:: D

22. If $\diamond \times 4 = \star$.

☆ - ◇ = 330, then What is ☆ + ◇ ?

- A. 110
- B. 440
- C. 550
- D. 990

Right Answer:: C

23. Study the number line given below. Fill the correct answer in each box.



- A. 994, 998
- B. 989, 1001
- C. 990, 1000
- D. 989, 1002

Right Answer:: D

24. James works 9 hours a day. If he earns Rs. 5 in an hour and he works for 2 weeks everyday in the week, how much does James earn?

- A. Rs. 630
- B. Rs. 730
- C. Rs. 490
- D. Rs. 940

Right Answer:: A

25. Tanya is older than Sam rat.

Mohit is older than Tanya.

Samrat is older than Mohit.

If the first two statements are true, the third statement is _____.

- A. True
- B. False
- C. Uncertain
- D. None of these

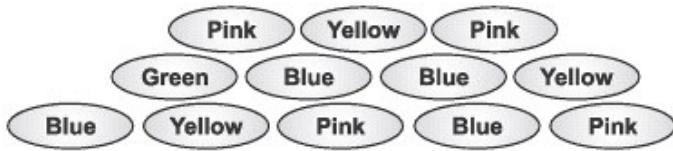
Right Answer:: B

26. Danny filled a measuring cup with $\frac{2}{3}$ cup of vegetable oil. Then he poured $\frac{1}{3}$ cup of the oil from the measuring cup into a frying pan. How much oil is left in the measuring cup?

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

Right Answer:: A

27. The picture shows all the candy that will be placed in a machine. Each time the handle on the machine is pulled, 1 candy comes out.



Alisha will pull the handle on the machine. Which colour of candy is least likely to come out?

- A. Green
- B. Blue
- C. Pink
- D. Yellow

Right Answer:: A

28. What is the place value of 7 in the number given below ?
32,074

- A. 7 ones
- B. 7 tens
- C. 7 hundreds
- D. 7 thousands

Right Answer:: B

29. Preeti is selecting a bead for a necklace. Her choices of shapes and colours of bead are shown here. Which tree diagram shows all the possible combinations of 1 shape and 1 colour?



- A.
- ```

 Star
 / | | | \
 Gold Silver Purple Orange Heart

```
- B.
- ```

    Star
    / | | | \
   Gold Silver Purple Orange White
  
```
- C.
- ```

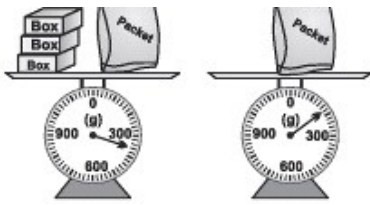
 Star
 / \
 Gold Silver

```
- D. None of these

Right Answer:: B

30. What is the weight of each box?





- A. 40 g
- B. 60 g
- C. 240 g
- D. 90 g

Right Answer:: B

31. Find the value of Y to make the expression true.

$$8000 = 50 \times 80 \times \boxed{Y}$$

- A. 2
- B. 10
- C. 20
- D. 100

Right Answer:: A

32. Ananya arranged the circles in the following order.  
Which multiplication fact represents Ananya's order?



- A.  $5 \times 5$
- B.  $5 \times 7$
- C.  $35 \times 5$
- D.  $35 \times 7$

Right Answer:: B

33. How many triangles are there in the given figure ?



- A. 27
- B. 26
- C. 32
- D. None of these

Right Answer:: B

34. A company paid Rs. 86,886 as air fare for 18 tickets to travel from New Delhi to Chennai. What was the

fare of one ticket ?

- A. Rs. 4,800
- B. Rs. 4,827
- C. Rs. 5,297
- D. Rs. 4,782

**Right Answer:: B**

35. Fatima draws a line, Chirag draws a pair of lines and Gaurav draws a triangle, as shown below.



If the pattern continues, which shape will be drawn next?

- A. A pentagon
- B. A square
- C. An octagon
- D. A hexagon

**Right Answer:: B**