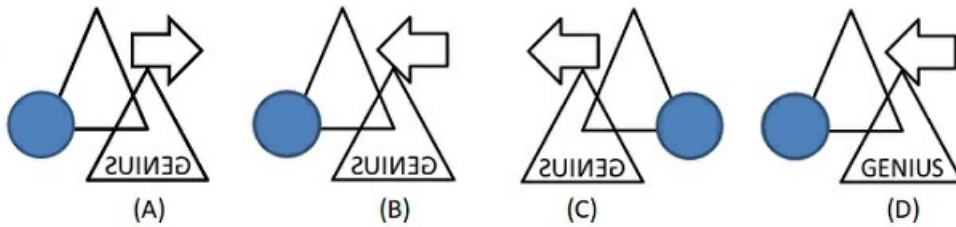
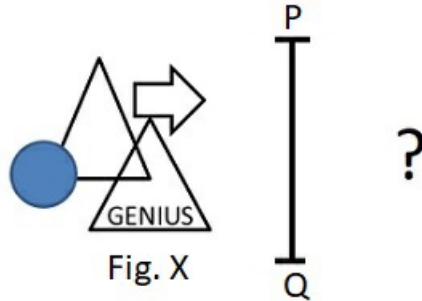


Reasoning

1. Select the correct mirror image of the fig (X) if the mirror is placed along PQ.



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

2. Which of the following options can complete the pattern in Fig (X)?

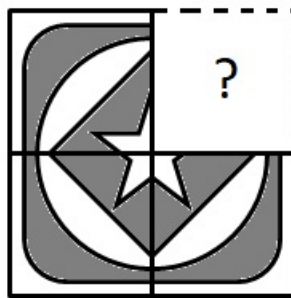
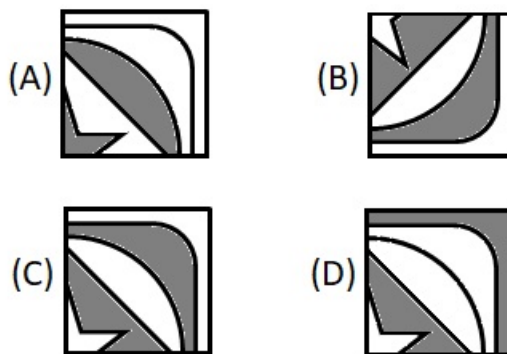


Fig. X



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

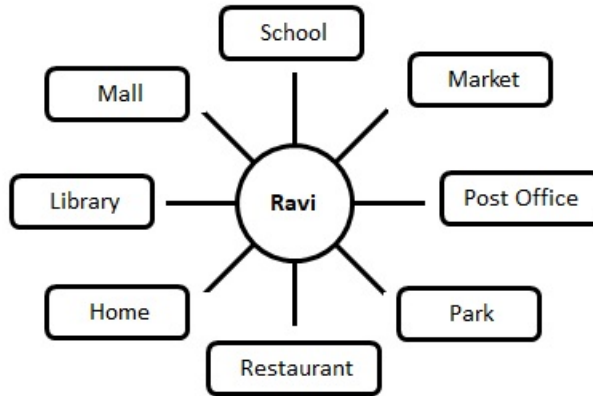
3. In a certain code language, GENIUS is coded as FCKEPM. How will WINNER be coded in that language?

- A. SPLLC S B. SPLKCS C. SPLLCO D. SPMLCS

4. If carpenter is called plumber, plumber is called baker, baker is called mason and mason is called carpenter, then who makes cakes for us?

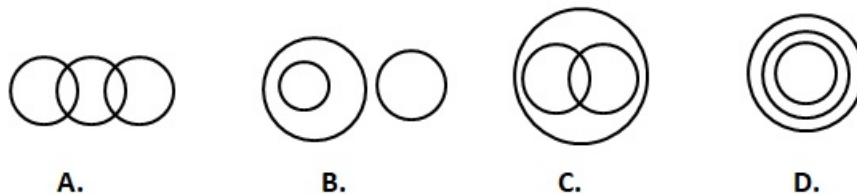
- A. Baker B. Mason C. Plumber D. Carpenter

5. Ravi is facing post office. He turns 225° anticlockwise. What will he face after the turn?



- A. Park B. Home C. Mall D. Restaurant

6. Which of the following venn diagram represents the relationship amongst **Metal, Gold and Wood**?



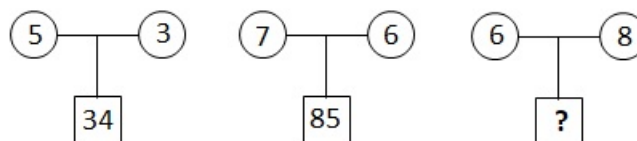
- A. A B. B C. C D. D

7. Arrange the following in the descending order according to their values.

- 1) Century
- 2) Decade
- 3) Millennium
- 4) Triennium

- A. 1, 2, 3, 4 B. 4, 2, 1, 3 C. 3, 4, 1, 2 D. 3, 1, 2, 4

8. Find the missing number if same rule is followed for all the three figures.



- A. 97 B. 82 C. 100 D. 107

9. Which of the following is the view of fig. (X) after 15/4 rotation clockwise?

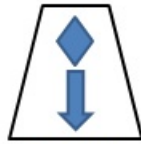
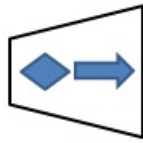
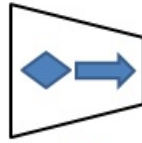


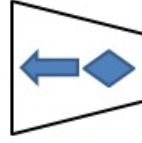
Fig. (X)



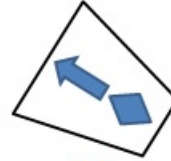
(A)



(B)



(C)



(D)

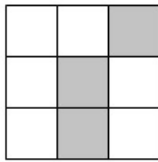
A. A

B. B

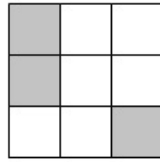
C. C

D. D

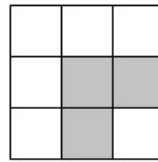
10. Which of the following is a symmetric figure?



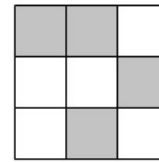
(A)



(B)



(C)



(D)

A. A

B. B

C. C

D. D

Maths

11. Riya's birth month has 30 days. She was born on 25th day of the month. There is a gap of 4 months between her birthday and christmas. Which is Riya's birth month?

A. April

B. June

C. September

D. November

12. Read the information carefully and answer the question.

- 1) There are 25 students in a class.
- 2) Each student likes atleast one sport.
- 3) 10 students like both cricket and football.
- 4) 11 students like only cricket.
- 5) 4 students like only football.

How many students like cricket?

A. 10

B. 11

C. 4

D. 21

13. There is a certain relationship between fig. P and fig. Q. Establish a similar relationship between fig. R and fig. S by selecting a suitable figure from the given options.

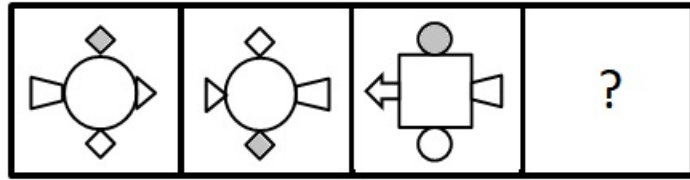
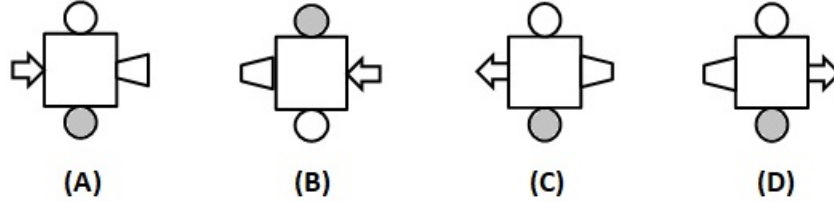


Fig. P

Fig. Q

Fig. R

Fig. S



(A)

(B)

(C)

(D)

A. A

B. B

C. C

D. D

14. In each of the following numbers if 2 is replaced by 7 and 9 is replaced by 5, then which will be second lowest number?

237, 523, 995, 775, 592

A. 592

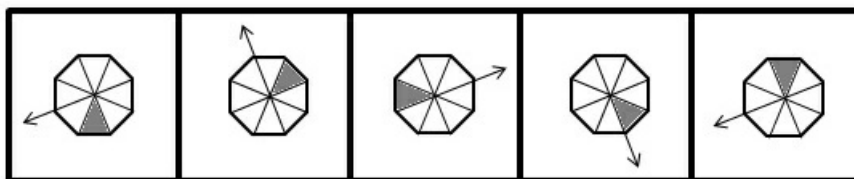
B. 523

C. 237

D. 995

15. Which of the following figure will continue the same problem series as shown below?

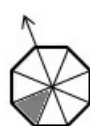
Problem Series



(A)



(B)



(C)



(D)

A. A

B. B

C. C

D. D

16. A bottle had $3 \frac{1}{4}$ litres of water. Shanu drank $\frac{3}{4}$ litres of water and Aarav drank 1 litres of water from the bottle. How much water is left in the bottle ?

A. $2 \frac{1}{2}$

B. $1 \frac{1}{2}$

C. $3 \frac{1}{2}$

D. $2 \frac{1}{4}$

17. The length of a rectangular field is twice its breadth.
If the perimeter of the field is 72 m then find the length of the field?

- A. 12 m B. 6 m C. 24 m D. 36 m
-

18. In a chess board there are total 64 blocks (32 white and 32 black). If 8 white blocks are painted black then what fraction of total blocks will be white ?

- A. $\frac{1}{8}$ B. $\frac{3}{8}$ C. $\frac{5}{8}$ D. $\frac{7}{8}$
-

19. Asha can eat 3 bananas a day. How many days will it take her to eat 12 dozens of bananas ?

- A. 48 B. 44 C. 40 D. 36
-

20. Sum of the factors of 67 is _____

- A. 67 B. 68 C. 70 D. 72
-

21. A drum contains 21 litres of water. If $6\frac{1}{3}$ litres of water is used then how many litres will be left in the drum ?

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

22. Aarav takes 2 hours to travel from Mumbai to Pune whereas Arnav takes 2.5 hours. If Aarav leaves Mumbai at 9:00 am and Arnav leaves 1 hour after Aarav, at what time will Arnav reach Pune ?

- A. 12:30 am B. 12:30 pm C. 11:00 am D. 11:00 pm
-

23. In a park there are 20 children playing with each other. Also there are 5 adults with their dogs (1 dog with each adult). Additionally there are 3 stray dogs and 2 goats also present in the park. Total how many legs are there in the park ?

- A. 90 B. 80 C. 70 D. 60
-

24. Sum of the common factors of 31 and 41 is _____

- A. 2 B. 1 C. 3 D. 4
-

25. Karishma saves Rs 1 on weekdays (Monday to Friday) and Rs 2 on Saturdays and Sundays. How much money will she save in 4 weeks?

- A. Rs 28 B. Rs 30 C. Rs 32 D. Rs 36
-

26. The perimeter of a rectangular paper sheet is 6 times its width. If the width of the sheet is 1 m then find the length of the sheet?

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

27. There are two bottles A and B. A is filled with 2 litres of milk and B is filled with 1 litres of milk. Rahul drank $\frac{7}{4}$ litres from bottle A and $\frac{3}{4}$ litres from bottle B. Which of the bottles contains more milk now ?

- A. A B. B C. Both contain equal amount D. Can't be determined
-

A. A & B

B. A & C

C. B & C

D. B & D

39. In five matches of cricket Saurav scored total 500 runs. He scored 150 and 100 runs in first and last match. His score in second and fourth match was 75 runs each. How much he scored in third match ?

A. 75

B. 100

C. 50

D. 90

40. Which of the following number is the largest?

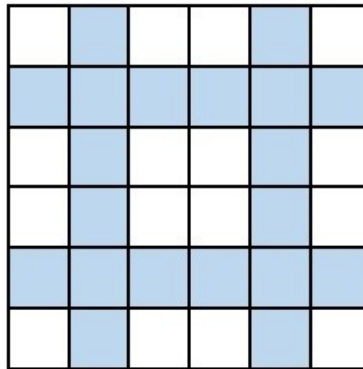
A. 0.01

B. 0.101

C. 0.011

D. 0.11

41. What fraction of the figure is unshaded?



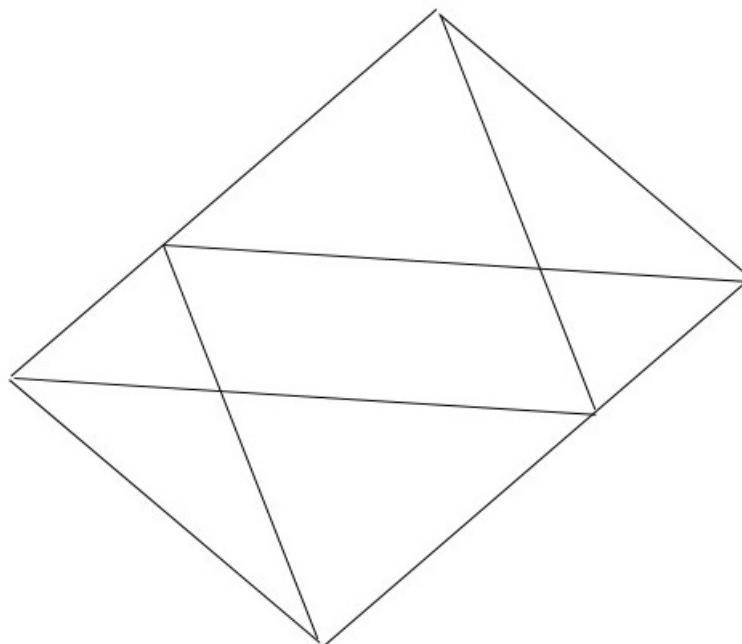
A. $\frac{2}{9}$

B. $\frac{4}{9}$

C. $\frac{7}{9}$

D. 1

42. How many pair of parallel lines are there in the given figure ?



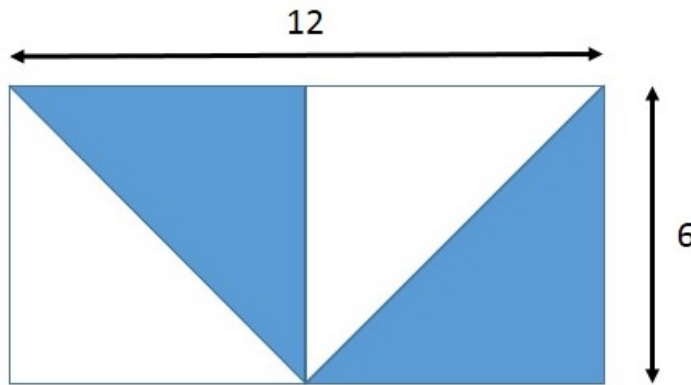
A. 12

B. 8

C. 6

D. 4

43. Find the area of the shaded region if all the triangles are equal.



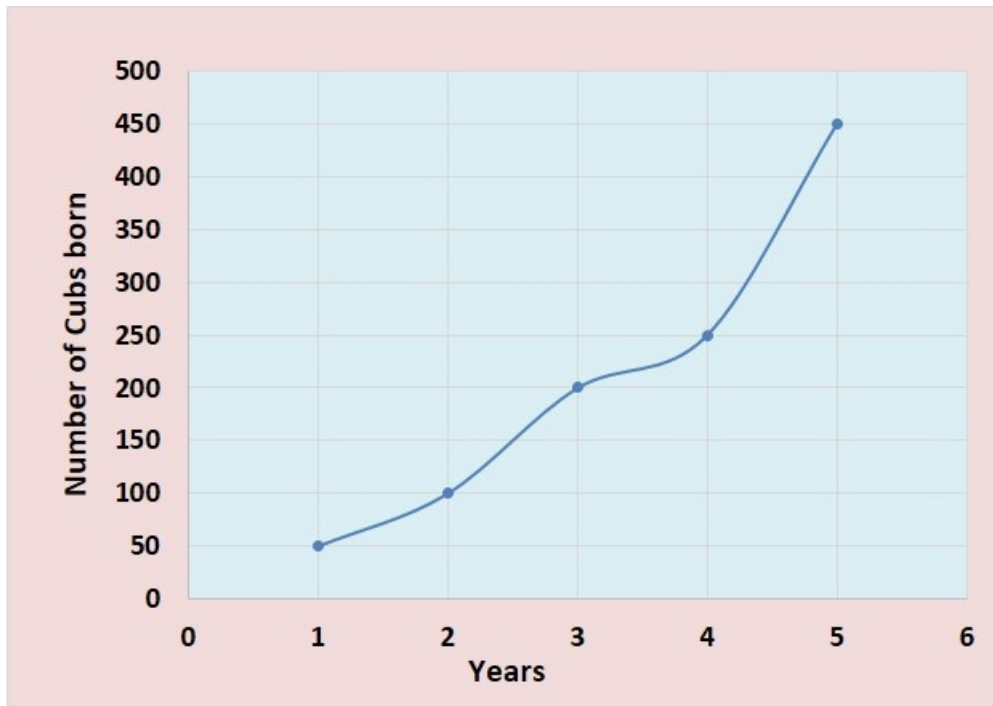
A. 18

B. 36

C. 54

D. 72

44. The given graph show number of Lion cubs born in each year. Find the number of cubs born from Year 2 to Year 4.



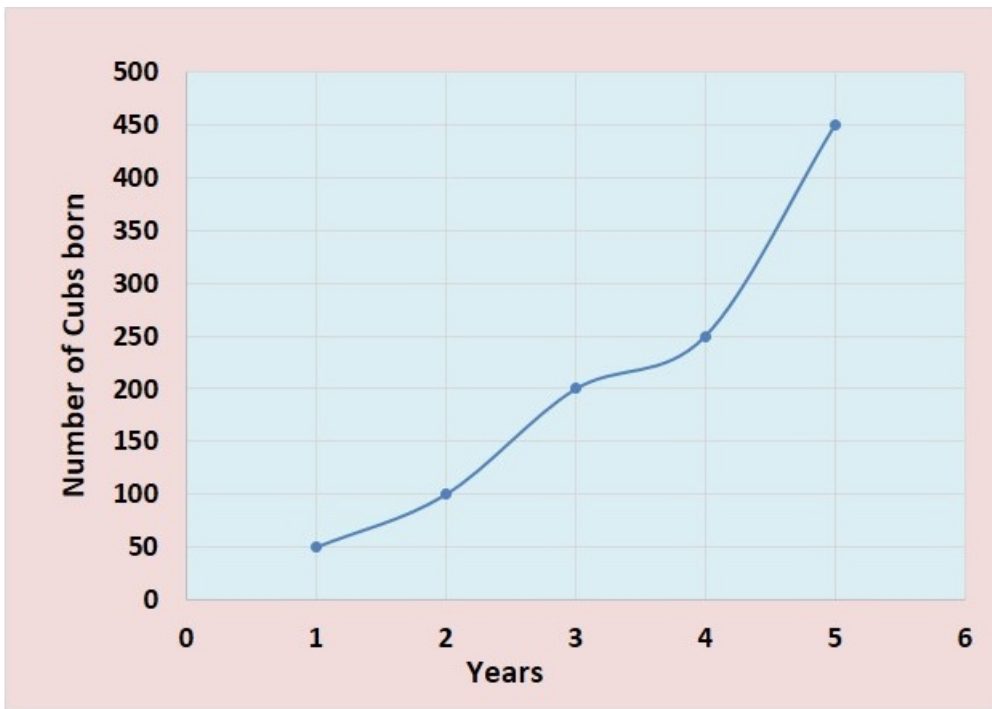
A. 500

B. 550

C. 600

D. 700

45. If the perimeter of the following figure is 15 units than find the value of x .



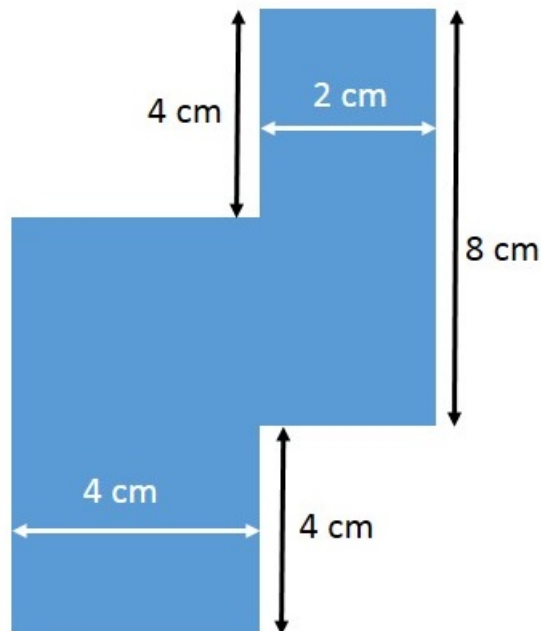
A. 1000

B. 1100

C. 1250

D. 1350

50. Find the area of the given figure?



A. 24

B. 36

C. 48

D. 52