

25.01.20 EVERWIN VIDHYASHRAM

STD : IX MENTAL MATH

1. $100 - 7$
2. Write One Thousand Three Hundred Eight?
3. What is the Value of the digit 9 in the number 3291?
4. Double a number is 26. What is the number?
5. $3\frac{1}{2} + 4\frac{1}{2} = \text{-----}$
6. Double 7 = ----- + 10
7. A watch costs ₹ 39. How much change from ₹ 50?
8. $200 + 40 + 9 = \text{-----}$
9. What is the next number? 30,35, 40, 45 -----
10. Which of these numbers is odd? 7,14,20,28, 35.
11. Frazer eats 8 pies. He eats 4 more. How many has he eaten.
12. Write am or pm in the correct place
7:30 in the morning = 7:30-----.
4:20 in the afternoon = 4:20 -----.
13. I have 12 toy cars. I lose 4 of them. How many do I have left?
14. A beetle has 6 legs. How many legs do 2 beetles have
15. A football costs ₹ 10. How much do 3 footballs cost?
16. How many minutes in an hour?
17. What is 100 more than 237?
18. How many 55 make 25?
19. $100 + 70 + \text{-----} = 179$
20. How many days in August?
21. What is the digit 7 worth in the number 675?
22. The time is 8.30 am. What is the time in half an hour?
23. What is the next number? 2,5,8,11,14. -----.
24. How many 2s make 10?
25. What is the next number in the sequence?
1,2,3,1,2,3,1,2,3,1 -----
26. I have ₹ 12. I spend ₹ 9. How much do I have left?
27. Sally has 5 marbles. Afra has 6 more than sally. How many does Afra have?

28. Round 86 to the nearest 10?

29. Half of 26?

30. $300 - 27?$

31. $10 + 11 + 12 ?$

32. $400 + \text{-----} = 478$

33. What is 2 multiplied by 8?

34. How many lines of symmetry does a square have?

35. $5 \times 4 = 2x \text{-----}$

36. Subtract the number of sides in a triangle from the number of days in a week?

37. My Journey to school takes 15 minutes. I arrive at 8:10. What time did I set off?

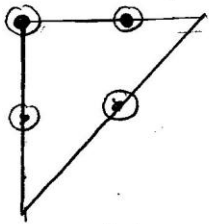
38. An apple costs 11 rupees. How much do 3 apples cost?

39. How many days in 2 weeks?

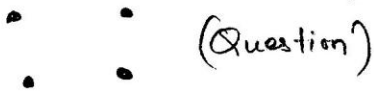
40. The month is January. Which month was it 2 months ago?
September, June, April, November or December.

GENERAL INSTRUCTIONS

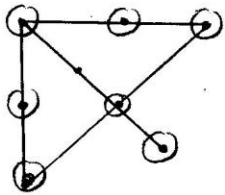
Ans.



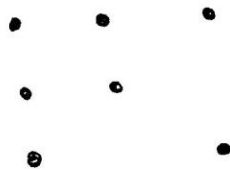
(i) Using the 3 straight lines
Join the points (without taking hand)



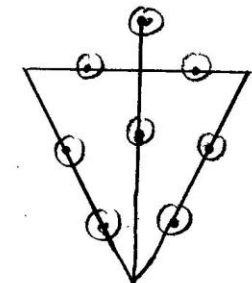
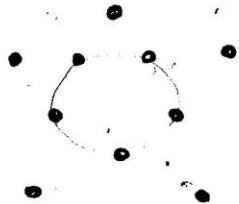
Ans



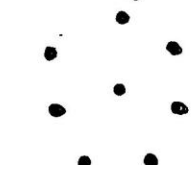
(ii) 4 straight lines



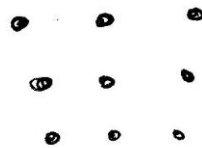
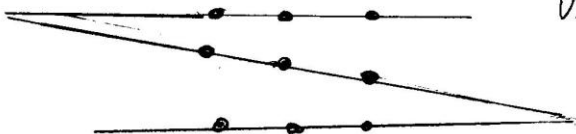
(iii) 5 straight lines



(iv) 4 straight lines



Using 3 straight lines



Puzzle

1)

4		2	= 15
3	5		= 15
		6	= 15

Sums = 15

1 - 9

2)

16		2	Sum = 34
	10		8
		7	
4			1

1 - 16

3)

8		
	5	
		2

Sum = 15
use (1-9)

4)

1			4
		7	
	10		
13			1

Sum = 34
use (1-15)

5)

		20
21		
14	19	

Sum = 51
use (13-21)

6)

2	16	6
	8	
		14

Sum = 24
(0-16)