



Sattva Vikas School
A Raja Pathak Initiative

Sattva Vikas School

Affiliated to CBSE

Pre-Primary to Higher Secondary

Std - IX Logical Thinking and Creative Writing

Name :

Date:

1. Imagine that you've been asked by the Education Board to give them your idea of a good language textbook. Write a letter to the Director of Education expressing your views on characteristics of good textbooks.

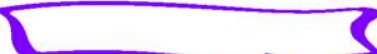
(Hints : talk about the kinds of lessons, illustrations, printing, cover page that you want in the textbooks)




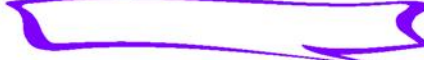
2. Many people believe that young people are becoming too westernized and are forgetting Indian values. But some people believe that we have a lot to learn from the West. What are your views ? Write about it.
Is the influence of the West only external, that is in our language, clothes, food, music etc . . . ? Are we also learning some good values from the West ?




3. Add only one letter to the italicized words and answer these questions.
 1. How does *ice* become a cereal ?
 2. How does *sold* describe a state of matter ?

3. How does *back* become a colour ? 

4. How does *moth* become a period of time ? 

5. How does *spout* become a bud ? 

6. How does *panting* become sowing ? 

4. Study these sets of words. Pick out the one that does not belong to the set. Give reason for it.

1. football athletics basketball volleyball

2. coach learner teacher trainer

3. boxing running jumping throwing

4. tournament victory match competition

5. victory triumph competition winner

6. draught chess badminton carrom

5. Arrange 4 fives so that the value is 100.

$(5 \square 5) \square (5 \square 5) = 100$

6. Put on your thinking caps and answer the following:

1. The doctor gives you three pills and tells you to take one every half hour. How long before you run out of pills? _____

2. A boy thinks of a number, then doubles it. Then takes away 30. His answer is 170. What number did he start with? _____

3. Annie multiplies a number with 3 and then divides it by 2. Her answer is 12. What number did he start with? _____

7. To complete a job 9 women take 15 days. If 3 additional women were employed, the number of days required to complete the job is ____.

(a) $19/4$ (b) 10 (c) $45/4$ (d) 12

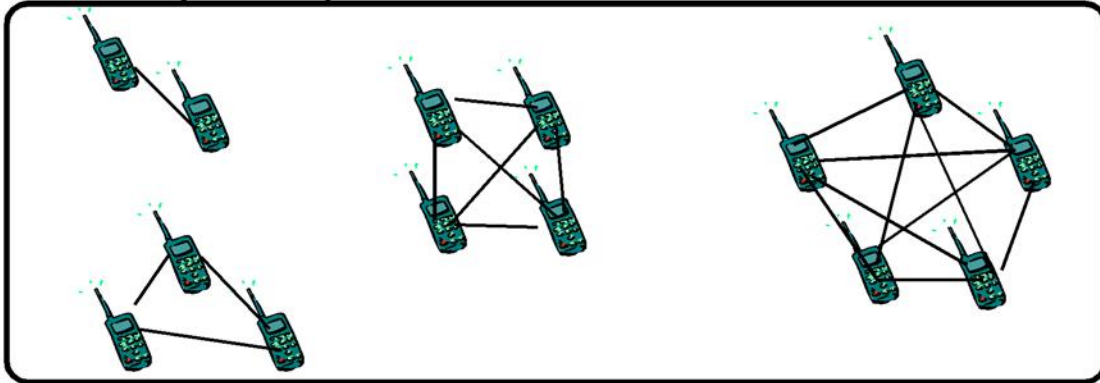
8. Find the next three numbers and complete the sequence:

(a) 2, 5, 10, 17, 26, 37, _____, _____, _____

(b) 121, 144, 169, 196, 325, _____, _____, _____

(c) 0, 5, 15, 30, 50, 75, _____, _____, _____

9. If there were only a few mobiles in the world, connecting them to each other would be quite simple.



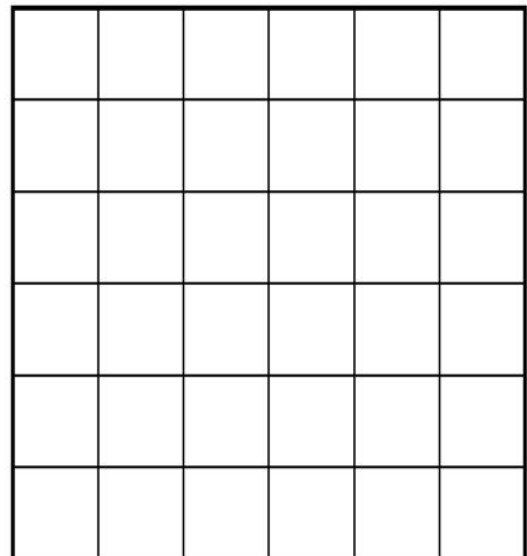
Find how many connections are needed for 6, 7, 8 mobiles. Write the answer in the blank space provided in the table below.

No. of mobiles (m)	2	3	4	5	6	7	8
No. of connections (c)	1	3	6	10			

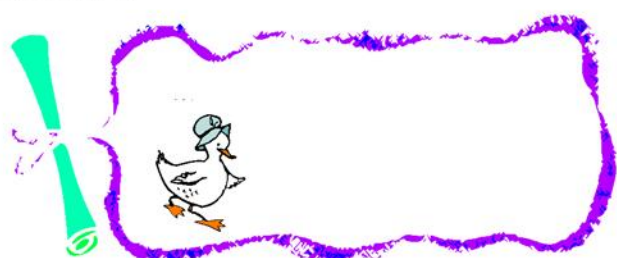
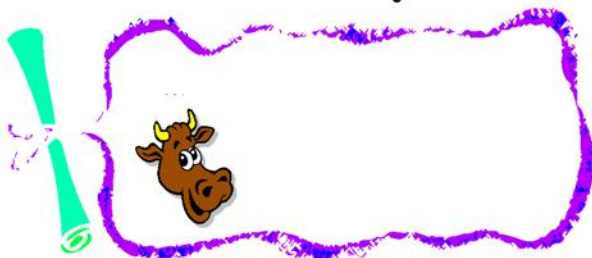
10.



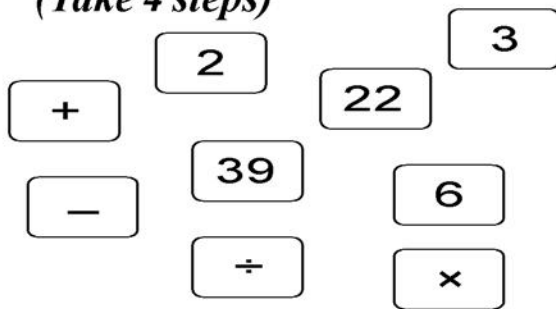
Mr. Sharma had a plot measuring 6×6 . He divided it into 36 small square plots as shown to plant five trees so that no tree was in line with any other tree horizontally, vertically or diagonally. Not more than one tree was to be planted in each square. **How would he do it ?**



11. I saw a farmer tending his cows and ducks in his yard. When inquired how many of each he had, he replied, “ I have altogether 60 eyes and 86 feet between them.” **Can you tell the answer ?**



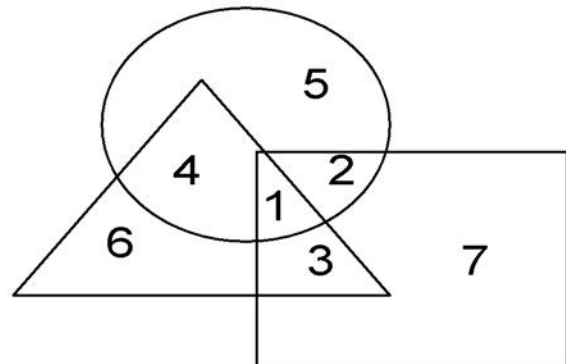
12. By using each numbers and each sign, can you reach a total of 42?
(Take 4 steps)



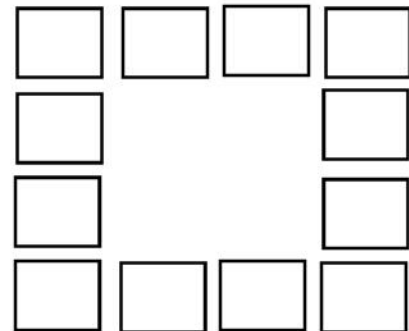
	=	
	=	
	=	
	=	42

13. In the given figure, circle represents the character, triangle represents the honest and square represents the clever. Find out the characters which are clever but not honest. _____

(A) 1 (B) 2
(C) 3 (D) 4



14. Anil arranged sugar cubes in a sugar formation with each side containing four cubes. Can you arrange the cubes in a new geometrical shape so that each side of the figure now contains five instead of four cubes?



15. Emily used a calculator to work out $(18 + 7) \times (31 - 19)$:
(a) What is the correct answer ? _____
(b) If Emily accidentally pressed some wrong keys, pressing $(-)$ instead of $(+)$ and $(+)$ instead of $(-)$ work out the answer obtained.

16. Find the missing figures:

(a)

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-	3	4	2	7
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	4	6	9	8
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(b)

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