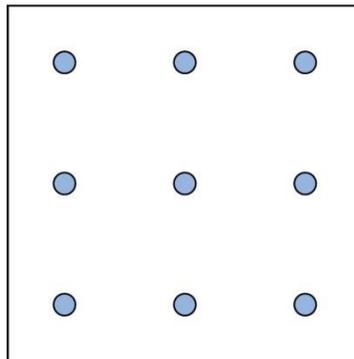


National Institute of Open Schooling
Secondary
Lesson 7 – Thinking and Problem Solving
Worksheet-7

1. Thinking is an important cognitive element of human behavior. Define thinking and comment upon the nature of thinking.
2. Concepts help us in organizing our world into categories. Identify at least five examples from your daily life and use them to explain 'concepts'.
3. Reasoning is an important element of problem solving. For a single problem, two people may come up with different solutions using two different approaches of reasoning. Compare the two types of reasoning and list out the differences between both.
4. Every day we solve a number of problems ranging from simple to complex but problem solving involves certain common elements. List the three elements of problem solving and explain methods that are used in problem solving.
5. Connect all of the dots using four straight lines, without removing the pen from the paper once you start drawing.



6. Identify the phenomenon that is occurring in question number 5, which hinders the solution of the given problem.
7. "Creativity is the mother of all inventions and discoveries in the world". Do you agree with the given statement? Support your answer with appropriate reasons.
8. Graham Wallas described creative thinking as a five stage process. Explain the different stages of creative thinking and list the common characteristics of creative people.

- 9.** Your friend is stuck between two choices – to resign from current job and find another one or to continue in the current job while finding a new job. What would be your suggestion to help your friend in decision making?
- 10.** We all have our cultural beliefs and perceptions, opinions and biases. Explain how our judgment may get influenced by our beliefs and perceptions.