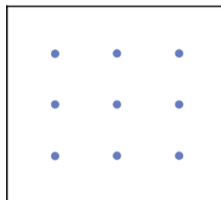


National Institute of Open Schooling
Senior Secondary
Lesson 08 – Going beyond the reality: thinking and reasoning
Worksheet-08

1. Thinking is a complex mental process. Comment upon the nature of the thinking process.
2. Thinking involves various mental structures and components. Enlist and explain the components of the thinking process.
3. Any kind of problem – big or small – generally involves certain common stages. Explain the common stages of problem solving using an appropriate example.
4. Identify and list some common mental sets from your surroundings and.
5. Identify the following examples as Inductive or deductive reasoning:
 - a. The left-handed people I know use left-handed scissors; therefore, all left-handed people use left-handed scissors. _____
 - b. It's sunny in Singapore. If it's sunny in Singapore, then he won't be carrying an umbrella. So, he won't be carrying an umbrella. _____
6. Explain the importance of Inductive and deductive reasoning in decision making.
7. "Judgement and decision making are interrelated processes". Discuss the given statement.
8. In your opinion, can our language affect our thought process? Justify your answers with suitable examples.
9. Check your problem-solving skills here:
 - a. Can you draw four straight lines so that they pass through all nine dots without lifting your pencil from the page and without touching any dot more than once?



- b. The objective of this problem is to move the stack of disks from rod A to rod C, following these rules: A disk cannot be placed on top of smaller disk.

