

**Graphic Organizer Activity**

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**Thinking**

**Directions:** Thinking is the process of changing and reorganizing information stored in memory to create new or transformed information. Psychologists have divided the processes of thought into five units and have also identified at least three kinds of thinking. Complete the graphic organizer by listing the five units of thought and providing a brief description of each. Then list the three kinds of thinking and briefly describe each one.



| Units of Thought | Description  |
|------------------|--|
| image            | mental representation of a specific event or object                                      |
| symbol           | abstract unit of thought that represents an object or quality                            |
| concept          | class of objects or events with certain common attributes (or the attributes themselves) |
| prototype        | representative example of a concept  |
| rule             | statement of a relation between concepts   |

| Kinds of Thinking        | Description  |
|--------------------------|--|
| directed or convergent   | systematic and logical attempt to reach a specific goal, such as the solution to a problem |
| nondirected or divergent | free flow of thoughts with no particular goal or plan                                      |
| meta cognition           | awareness of or thinking about one's own cognitive processes                               |