PATTERN LINK COMMUNICATING WHAT WE KNOW ABOUT: the given pattern

| PATTERN | TABLE |
|--|--|
| A student drew a pattern of dots as shown below. | This table shows the number of dots needed to draw each figure. |
| O O O O O O O O O O O Figure 1 Figure 2 Figure 3 Figure 4 | Figure 1 2 3 4 5 6 Number of Dots 1 3 6 10 15 21 |
| GRAPH | EQUATION |
| Make a graph to record the number of dots needed to draw each figure of the pattern. | Write a rule that can be used to determine the number of dots needed to draw each figure. |
| | Problem Adapted from 2006 Ohio Grade 6 Assessment Test (Item 6) |