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| Chapter 7 Dilation Problems | | |  | Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| **Complete the ordered pair rule that transforms the thin polygon to the thick polygon.** | | | | | |
| 1. | 2. | | | | 3. |
| Describe the transformation in words: | Describe the transformation in words: | | | | Describe the transformation in words: |
| 4. Original:  Transformation: | 5. Original:  Transformation: | | | | 6. Original:  Transformation: |
|  |  | | | |  |
| **For 7-12, write the rule for each transformation and graph the translated shape.** | | | | | |
| 7. Original:  Dilation by 3.  Transformation: | | 8. Original:  Dilation by   Transformation: | | | 9. Original:  Dilation by  Transformation: |
|  |  | | | |  |
| 10. Original:  Dilation by  Transformation: | 11. Original:  Dilation by 2  Transformation: | | | | 12. Original:  Dilation by 6  Transformation: |
|  |  | | | |  |