|  |  |
| --- | --- |
| **Reflections** |  |
| 1 | Reflect this shape in the **x-axis*****y***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |  ***5*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***4*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***3*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***2*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***1*** |   |   |   |   |   |   |
|  ***-5******-4*** |   |  ***-3*** |  ***-2*** |  ***-1*** |  ***0*** |  ***1*** |  ***2*** |  ***3*** |  ***4*** |  ***5*** |  ***x*** |
|   |   |   |   |  ***-1*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-2*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-3*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-4*** |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

  | 4 | Reflect this shape in the **line y = 2*****y***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |  ***5*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***4*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***3*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***2*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***1*** |   |   |   |   |   |   |
|  ***-5******-4*** |   |  ***-3*** |  ***-2*** |  ***-1*** |  ***0*** |  ***1*** |  ***2*** |  ***3*** |  ***4*** |  ***5*** |  ***x*** |
|   |   |   |   |  ***-1*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-2*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-3*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-4*** |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

 |
| 2 | Reflect this shape in the **y-axis*****y***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |  ***5*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***4*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***3*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***2*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***1*** |   |   |   |   |   |   |
|  ***-5******-4*** |   |  ***-3*** |  ***-2*** |  ***-1*** |  ***0*** |  ***1*** |  ***2*** |  ***3*** |  ***4*** |  ***5*** |  ***x*** |
|   |   |   |   |  ***-1*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-2*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-3*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-4*** |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

 | 5 | Reflect this shape in the **line y = -1*****y***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |  ***5*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***4*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***3*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***2*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***1*** |   |   |   |   |   |   |
|  ***-5******-4*** |   |  ***-3*** |  ***-2*** |  ***-1*** |  ***0*** |  ***1*** |  ***2*** |  ***3*** |  ***4*** |  ***5*** |  ***x*** |
|   |   |   |   |  ***-1*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-2*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-3*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-4*** |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

 |
| 3 | Reflect this shape in the **line x = 1*****y***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |  ***5*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***4*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***3*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***2*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***1*** |   |   |   |   |   |   |
|  ***-5******-4*** |   |  ***-3*** |  ***-2*** |  ***-1*** |  ***0*** |  ***1*** |  ***2*** |  ***3*** |  ***4*** |  ***5*** |  ***x*** |
|   |   |   |   |  ***-1*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-2*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-3*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-4*** |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

 | 6 | Reflect this shape in the **line y = x*****y***

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|   |   |   |   |   |  ***5*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***4*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***3*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***2*** |   |   |   |   |   |   |
|   |   |   |   |   |  ***1*** |   |   |   |   |   |   |
|  ***-5******-4*** |   |  ***-3*** |  ***-2*** |  ***-1*** |  ***0*** |  ***1*** |  ***2*** |  ***3*** |  ***4*** |  ***5*** |  ***x*** |
|   |   |   |   |  ***-1*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-2*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-3*** |   |   |   |   |   |   |   |
|   |   |   |   |  ***-4*** |   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   |   |   |   |   |

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