|  |  |
| --- | --- |
| Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ |

Transformations

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | 1  I |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | S |  |  |  |  | 2  P |  |  |  |  |  |  |  |  |  |
|  |  |  |  | 3  C | O | U | N | T | E | R | C | L | O | C | K | W | I | S | E |
|  |  |  |  |  | M |  |  |  |  | E |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | E |  |  |  |  | I |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  | T |  |  |  |  | M |  | 4  D |  |  |  |  |  |  |  |
|  |  |  |  | 5  T | R | A | N | S | L | A | T | I | O | N |  |  |  |  |  |
|  |  |  |  |  | Y |  |  |  |  | G |  | L |  |  |  | 6  P |  |  |  |
|  |  |  |  |  |  | 7  S | C | A | L | E | F | A | C | T | O | R |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | T |  |  |  | I |  |  |  |
|  |  |  |  |  |  | 8  C | L | O | C | K | W | I | S | E |  | M |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  | O |  |  |  | E |  |  |  |
|  |  |  |  |  | 9  R | O | T | A | T | 10  I | O | N |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | M |  |  |  |  |  |  |  |  |  |
|  | 11  T | R | A | N | S | F | O | R | M | A | T | I | O | N |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  | G |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  | 12  R | E | F | L | E | C | T | I | O | N |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |
| --- | --- |
| **Across**  **3.** In the direction opposite of the hand on a clock  **5.** A transformation that "slides" a figure  **7.** The variable k is used to represent the \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_.  **8.** The same direction as the rotating hands on a clock  **9.** A transformation that "turns" a figure  **11.** To change the properties of a figure  **12.** A transformation that "flips" a figure | **Down**  **1.** The transformations that result in two congruent figures  **2.** The original image in a transformation  **4.** A transformation that changes the size of an image, but not the shape  **6.** A' is read as " A \_\_\_\_\_\_\_" in a transformation.  **10.** The figure that results from a transformation |