| 2 Transformation (N9)   | 2 Transformation (N9)  | 2 Transformation (N9)  | 2 Transformation (N9)  |
|---|--|--|--|
| Description:  | Description:   | Description:   | Description:   |
| the figure resulting from a   | the figure resulting from a  | the figure resulting from a  | the figure resulting from a  |
| transformation or series of   | transformation or series of  | transformation or series of  | transformation or series of  |
| transformations of an   | transformations of an  | transformations of an  | transformations of an  |
| existing figure   | existing figure  | existing figure  | existing figure  |
| A rigid transformation<br>function that maps a figure<br>to its image by "flipping" it<br>across a line of reflection | Description:<br>A rigid transformation<br>function that maps a<br>figure to its image by<br>"flipping" it across a line of<br>reflection | Description:<br>A rigid transformation<br>function that maps a<br>figure to its image by<br>"flipping" it across a line of<br>reflection | A rigid transformation<br>function that maps a<br>figure to its image by<br>"flipping" it across a line of<br>reflection |
| Description:  | Description:   | Description:   | Description:   |
| A function that, when applied to  | A function that, when applied to   | A function that, when applied to   | A function that, when applied to   |
| a figure in the plane, maps the   | a figure in the plane, maps the  | a figure in the plane, maps the  | a figure in the plane, maps the  |
| figure onto the plane while   | figure onto the plane while  | figure onto the plane while  | figure onto the plane while  |
| preserving distance and angle   | preserving distance and angle  | preserving distance and angle  | preserving distance and angle  |
| measures  | measures   | measures   | measures   |
| Description:  | Description:   | Description:   | Description:   |
| A rigid transformation  | A rigid transformation   | A rigid transformation   | A rigid transformation   |
| function that maps a figure   | function that maps a figure  | function that maps a figure  | function that maps a figure  |
| to its image by "turning" the   | to its image by "turning" the  | to its image by "turning" the  | to its image by "turning" the  |
| figure a number of degrees  | figure a number of degrees   | figure a number of degrees   | figure a number of degrees   |
| around a point in a given   | around a point in a given  | around a point in a given  | around a point in a given  |
| direction   | direction  | direction  | direction  |
| Description:  | Description:   | Description:   | Description:   |
| A rigid transformation function   | A rigid transformation function  | A rigid transformation function  | A rigid transformation function  |
| that maps a figure to its image   | that maps a figure to its image  | that maps a figure to its image  | that maps a figure to its image  |
| by "sliding" the figure a distance  | by "sliding" the figure a  | by "sliding" the figure a  | by "sliding" the figure a  |
| and direction as indicated by a   | distance and direction as  | distance and direction as  | distance and direction as  |
| given vector  | indicated by a given vector  | indicated by a given vector  | indicated by a given vector  |
| Description:  | Description:   | Description:   | Description:   |
| a figure before it is   | a figure before it is  | a figure before it is  | a figure before it is  |
| transformed   | transformed  | transformed  | transformed  |
| Description:  | Description:   | Description:   | Description:   |
| Sides or angles of figures  | Sides or angles of figures   | Sides or angles of figures   | Sides or angles of figures   |
| that are in the same  | that are in the same   | that are in the same   | that are in the same   |
| relative location as one  | relative location as one   | relative location as one   | relative location as one   |
| another   | another  | another  | another  |