|  |  |  |
| --- | --- | --- |
| **1** | **2** | **3** |
| **4** | **5** | **6** |
| **7** | **8** | **9** |

**Match the correct transformation to each diagram which maps the blue shape onto the red shape.**

|  |  |  |
| --- | --- | --- |
| Reflection in the y axis (line x=0) | Rotation 180oabout the point (0,0) | Translation by the vector |
| Rotation 900 anticlockwise about the point (0,0) | Reflection in the x axis (line y=0) | Translation by the vector |
| Translation by the vector | Rotation 900 clockwise about the point (0,0) | Reflection in the line y=x |

|  |  |  |
| --- | --- | --- |
| Reflection in the y axis (line x=0) | Rotation 180oabout the point (0,0) | Translation by the vector |
| Rotation 900 anticlockwise about the point (0,0) | Reflection in the x axis (line y=0) | Translation by the vector |
| Translation by the vector | Rotation 900 clockwise about the point (0,0) | Reflection in the line y=x |

|  |  |  |
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| Reflection in the y axis (line x=0) | Rotation 180oabout the point (0,0) | Translation by the vector |
| Rotation 900 anticlockwise about the point (0,0) | Reflection in the x axis (line y=0) | Translation by the vector |
| Translation by the vector | Rotation 900 clockwise about the point (0,0) | Reflection in the line y=x |