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| --- | --- |
| **Sort It Out** | **Reflection Matrices** |

Sort each statement into the correct group.

|  |  |  |  |
| --- | --- | --- | --- |
| **1** | The linear transformation is | **2** | The transformation matrix is |
| **3** | The line of invariant points is | **4** | The linear transformation is |
| **5** | The transformation matrix is | **6** | The point maps to the point |
| **7** | The point maps to the point | **8** | The linear transformation is |
| **9** | The line of invariant points is | **10** | The transformation matrix is |
| **11** | The point maps to the point | **12** | The line of invariant points is |
| **13** | The transformation matrix is | **14** | The line of invariant points is |
| **15** | The linear transformation is | **16** | The point maps to the point |

|  |  |  |  |
| --- | --- | --- | --- |
| **A** | Reflection in the -axis | **B** | Reflection in the -axis |
|  | |  | |
| **C** | Reflection in the line | **D** | Reflection in the line |
|  | |  | |