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| **Sort It Out** | **Trigonometric Graphs** |

Sort these properties of trigonometric graphs into each of the categories – or Some properties may apply to more than one graph, and some may apply to none.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** | Passes through | **2** | Graph repeats itself every | **3** | Has a maximum -value of |
| **4** | Symmetrical about the -axis | **5** | Passes through | **6** | Symmetrical about the -axis |
| **7** | Has rotational symmetry order 2 about origin | **8** | Has an asymptote at | **9** | Has a minimum -value of |
| **10** | Passes through | **11** | Symmetrical about the line | **12** | Passes through |
| **13** | Has an asymptote at | **14** | Graphs repeats itself every | **15** | Has rotational symmetry order 2 about |

|  |  |  |  |
| --- | --- | --- | --- |
| **A** |  | **B** |  |
|  | |  | |
| **C** |  | **D** |  |
|  | |  | |