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| **Match-Up** | **Loci and Regions** |

Diagrams are drawn on a centimetre square grid.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** |  | **5** |  | **9** |  |
| **2** |  | **6** |  | **10** |  |
| **3** |  | **7** |  | **11** |  |
| **4** |  | **8** |  | **12** |  |
|  |
| **A** | The set of points that are closer to D than to B | **E** | The set of points that is more than 3 cm from B | **I** | The set of points that are closer to CD than to AC |
| **B** | The set of points more than 3 cm from B and closer to AB than BD | **F** | The set of points that are less than 3 cm from AC | **J** | The set of points that are less than 3 cm from B |
| **C** | The set of points that are closer to AC than to CD | **G** | The set of points that are less than 2 cm from C | **K** | The set of points less than 3 cm from B and more than 2 cm from BD |
| **D** | The set of points that are closer to D than to C | **H** | The set of points closer to BD than to CD | **L** | The set of points that are more than 2 cm from CD |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
|  |  |  |  |  |  |  |  |  |  |  |  |