## Match-Up

## Loci and Regions

Diagrams are drawn on a centimetre square grid.


| 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 $A B$ 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 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |  |  |

