|  |  |
| --- | --- |
| **Match-Up** | **Area of a Circle** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **1** | Find the area of a circle with a radius of , giving your answer to 1 decimal place. |  | **A** |  |
| **2** | Find the area of a circle with a diameter of , giving your answer to the nearest . |  | **B** |  |
| **3** | Find the area of a circle with a diameter of , giving your answer to 1 decimal place. |  | **C** |  |
| **4** | Find the area of a circle with a radius of , giving your answer to 1 decimal place. |  | **D** |  |
| **5** | A coin has a radius of . Find the area of the coin to 1 decimal place. |  | **E** |  |
| **6** | The lid of a jam jar has a diameter of . Find the area of the lid to the nearest . |  | **F** |  |
| **7** | A roundabout has a diameter of . Find the area of the roundabout to the nearest . |  | **G** |  |
| **8** | A circular pond has a radius of . Find the area of the pond to 1 decimal place. |  | **H** |  |
| **9** | Find the area of a semi-circle with a radius of to 1 decimal place. |  | **I** |  |
| **10** | A semi-circular lawn has a diameter of . Find the area of the lawn to the nearest square metre. |  | **J** |  |
| **11** | A quarter circle has a radius of . Find the area of the quarter circle to the nearest . |  | **K** |  |
| **12** | A compound shape is made up of a semi-circle with diameter attached to a rectangle with dimensions by . Find the total area to 1 decimal place. |  | **L** |  |

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