Match-Up

**Area of a Circle**

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| **1** | Find the area of a circle with a radius of $11 cm$, giving your answer to 1 decimal place. |  | **A** | $$9.6 m^{2}$$ |
| **2** | Find the area of a circle with a diameter of $45 cm$, giving your answer to the nearest $cm^{2}$. |  | **B** | $$157.1 cm^{2}$$ |
| **3** | Find the area of a circle with a diameter of $3.5 m$, giving your answer to 1 decimal place. |  | **C** | $$615.8 mm^{2}$$ |
| **4** | Find the area of a circle with a radius of $1.6 m$, giving your answer to 1 decimal place. |  | **D** | $$293.1 cm^{2}$$ |
| **5** | A coin has a radius of $14 mm$. Find the area of the coin to 1 decimal place. |  | **E** | $$616 m^{2}$$ |
| **6** | The lid of a jam jar has a diameter of $86 mm$. Find the area of the lid to the nearest $mm^{2}$. |  | **F** | $$380.1 cm^{2}$$ |
| **7** | A roundabout has a diameter of $28 metres$. Find the area of the roundabout to the nearest $m^{2}$. |  | **G** | $$1810 mm^{2}$$ |
| **8** | A circular pond has a radius of $5.5 m$. Find the area of the pond to 1 decimal place. |  | **H** | $$8.0 m^{2}$$ |
| **9** | Find the area of a semi-circle with a radius of $10 cm$ to 1 decimal place. |  | **I** | $$5809 mm^{2}$$ |
| **10** | A semi-circular lawn has a diameter of $13 m$. Find the area of the lawn to the nearest square metre. |  | **J** | $$95.0 m^{2}$$ |
| **11** | A quarter circle has a radius of $48 mm$. Find the area of the quarter circle to the nearest $mm^{2}$. |  | **K** | $$1590 cm^{2}$$ |
| **12** | A compound shape is made up of a semi-circle with diameter $12 cm$ attached to a rectangle with dimensions $12 cm$ by $15 cm$. Find the total area to 1 decimal place. |  | **L** | $$66.4 m^{2}$$ |

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