Match-Up

**Circumference of a Circle**

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| **1** | Find the circumference of a circle with a diameter of $36 cm$, giving your answer to 1 decimal place. |  | **A** | $$40200 km$$ |
| **2** | Find the circumference of a circle with a radius of $7.5 cm$, giving your answer to 1 decimal place. |  | **B** | $$15.7 cm$$ |
| **3** | Find the circumference of a bicycle wheel with a radius of $33 cm$, giving your answer to 1 decimal place. |  | **C** | $$47.1 cm$$ |
| **4** | A wheel has a diameter of $62 cm$. Find the circumference of the wheel to 1 decimal place. |  | **D** | $$73.8 cm$$ |
| **5** | The radius of the Earth is $6400 km$. Find the circumference of the Earth, to the nearest $100 km$. |  | **E** | $$75 mm$$ |
| **6** | The diameter of the Moon is $3480 km$. Find the circumference of the Moon, to the nearest $100 km$. |  | **F** | $$2541 m$$ |
| **7** | A coin has a diameter of $24 mm$. Find the circumference of the coin to the nearest $mm$. |  | **G** | $$113.1 cm$$ |
| **8** | The radius of a button is $9 mm$. Find the circumference of the button to the nearest $mm$. |  | **H** | $$194.8 cm$$ |
| **9** | Find the arc length of a semi-circle with diameter $47 cm$, giving your answer to 1 decimal place. |  | **I** | $$10900 km$$ |
| **10** | Find the arc length of the quarter circle with radius 10 cm, giving your answer to 1 decimal place. |  | **J** | $$1884 m$$ |
| **11** | A bicycle wheel with diameter $65 cm$ rotates through $1245$ full turns, How far in metres has the bicycle travelled? |  | **K** | $$57 mm$$ |
| **12** | The diameter of the London Eye is $120 m$. Work out the distance travelled by a pod in five full revolutions, to the nearest metre.  |  | **L** | $$207.3 cm$$ |

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