

## **Area of Circles**

#### Find the area of each circle, correct to 1 decimal place.

| 1                        | 2 4 m                   | 3 . 12 cm                |
|--------------------------|-------------------------|--------------------------|
| 4 12 cm                  | 5 8 m                   | 6 7 m                    |
| 7 3 cm                   | 8                       | 9 1 cm                   |
| 10 The diameter is 10 cm | 11 The radius is 6 mm   | 12 The radius is 15 mm   |
| 13 The radius is 6.5 m   | 14 The diameter is 8 km | 15 The diameter is 12 cm |

# Remember $A = \pi r^2$

### **ANSWERS**

### **Question 1**

| 1 78.5 cm <sup>2</sup>  | 2 12.6 m <sup>2</sup>    | 3 452.4 cm <sup>2</sup>  |
|-------------------------|--------------------------|--------------------------|
| 4 113.1 cm <sup>2</sup> | 5 201.1 m <sup>2</sup>   | 6 153.9 m <sup>2</sup>   |
| 7 7.1 cm <sup>2</sup>   | 8 3848.5 cm <sup>2</sup> | 9 0.8 cm <sup>2</sup>    |
| 10 78.5 cm <sup>2</sup> | 11 113.1 cm <sup>2</sup> | 12 706.9 mm <sup>2</sup> |
| 13 132.7 m <sup>2</sup> | 14 50.3 km <sup>2</sup>  | 15 122.7 cm <sup>2</sup> |