**Area and Circumference of Circles GREEN**

Calculate the areas and circumferences of the circles with the following dimensions. Show all your working and give your answers correct to 2 decimal places.

1) Radius of cm 6) Diameter of cm

2) Diameter of cm 7) Radius of cm

3) Diameter of cm 8) Diameter of cm

4) Radius of cm 9) Diameter of cm

5) Radius of cm 10) Radius of cm

**Area and Circumference of Circles AMBER**

Cut out and match the questions with their corresponding areas and circumferences.

You will need to show your working in your exercise book.

|  |  |  |
| --- | --- | --- |
| **Question** | **Area** | **Circumference** |
|  1) Radius of cm |  cm2 |  cm |
|  2) Diameter of cm |  cm2 |  cm |
|  3) Diameter of cm |  cm2 |  cm |
|  4) Radius of cm |  cm2 |  cm |
|  5) Radius of cm |  cm2 |  cm |
|  6) Diameter of cm |  cm2 |  cm |
|  7) Radius of cm |  cm2 |  cm |
|  8) Diameter of cm |  cm2 |  cm |
|  9) Diameter of cm |  cm2 |  cm |
|  10) Radius of cm |  cm2 |  cm |

**Area and Circumference of Circles RED**

Calculate the areas and circumferences of the circles with the following dimensions. Show all your working and give your answers correct to 2 decimal places.

 

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 

 \_\_\_\_\_cm²

 \_\_\_\_\_cm

 \_\_\_\_\_cm²

 \_\_\_\_\_cm