**Forfar Academy Mathematics Department**

Remember to show all you working:

1. Which offer is the best value? Why?

|  |  |
| --- | --- |
|  |  |
| 1 x 30 cm (diameter) pizza for £14.99 | 2 x 18 cm (diameter) pizzas for £14.99 |

1. What is the relationship between the radius and the diameter of a circle?
2. . Calculate the **perimeter** of the logo below:



3.1 cm

3.7 cm

|  |  |
| --- | --- |
| 1. Find the shaded area:
 | 1. Find the area of the ring:
 |
|  | 5.6 cm1.7 cm |