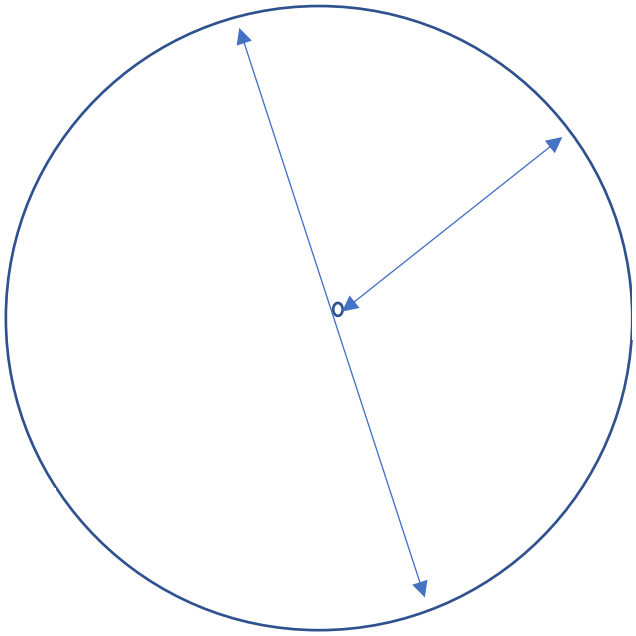
SHQ: What are the parts of a circle called?

Here is a reminder from Lesson 6 in which we looked at parts of a circle:

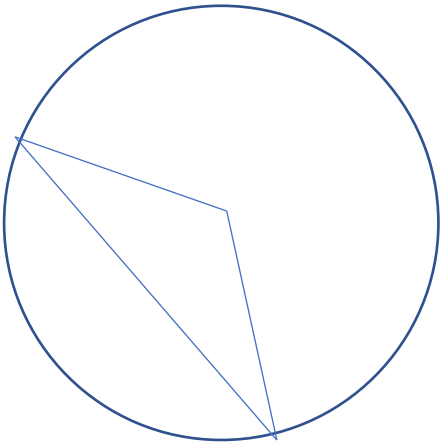


Radius : the distance from the centre of the circle to any point on the cirumference. Remember, the radius is HALF the length of the diameter.

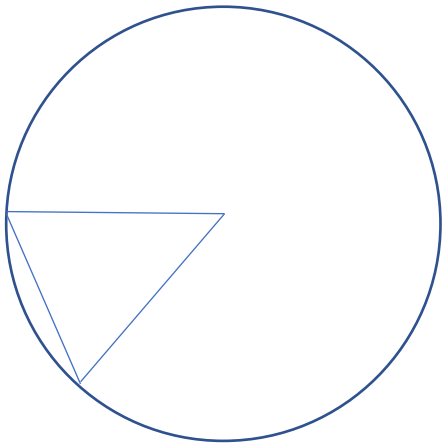
Diameter : the distance from a point on the cirumference, through the centre of the circle, to another point on the circumference. Remember, the diameter is DOUBLE the length of the radius.

Circumference : the distance around the edge of the circle (similar to the perimeter of any 2D shape.

You can draw different types of triangles by drawing straight lines from two points on the circumference of a circle, to the centre of the circle, for example:



Draw some circles of your own. Choose two points on the circumference and join these to the centre. What types of triangles can you create?



Estimate the circumference of the circles that you draw. (Tip, measure the diameter to help). Measure your circumference using string. How close were you to the actual measurement?

Now it's your turn: Using this information, work through the questions on the Power Maths resource for Worksheet 7. There are taken from Power Maths Geometry Unit 13, Lesson 10. Answers are included in 'Week 7 Maths Answers'.