‘Walking round’ the pentagon

Consider the regular pentagon



Draw the exterior angles and mark p as shown in the screen.

Now imagine you are walking around the polygon

You have to start from p and to finish at p

What degree of angle you might have finished? ...........................................................

How many exterior angles did you cover?......................................................................

Are all the exterior angles equal? ………………………………………………………………………….

Then what is the measure of one exterior angle? ……………………………………………………

What is the sum of exterior and interior angle at one vertex? ……………………………………

Now what is the measure of one interior angle? .........................................................

**Can you repeat the same method for regular hexagon to find the measure of one interior angle?**

