# Basic Angle Rules
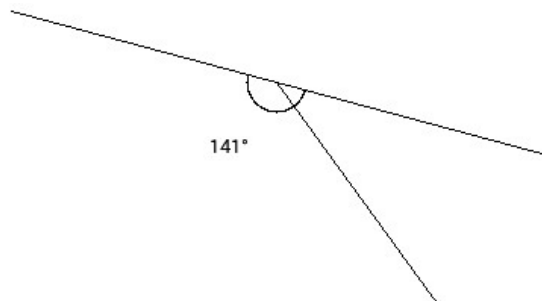
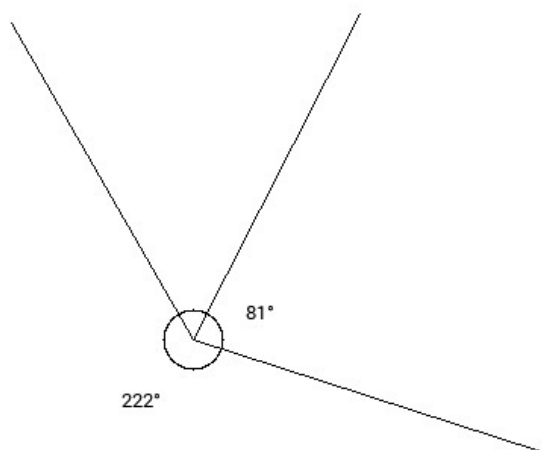## Angles on a line add to 180°

For example, if one angle is 141° the other one must be 180 – 141 = 39°

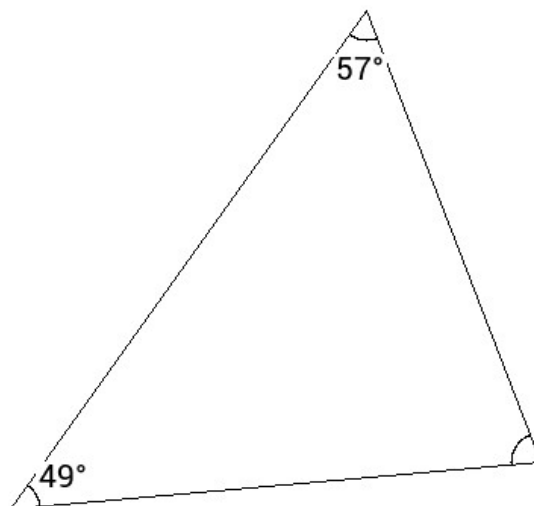

## Angles at a Point at to 360°

For example, if one of the angles is 222° and another one is 81°,
The final angle must be 360 – 222 – 81 = 57°



## Angles in a Triangle add to 180°

For example, if one angle is 57° and another one is 49° the final one must be 180 – 57 – 49 = 74°



## Vertically Opposite Angles are Equal

These are angles that are opposite each other on two connecting lines, they are always the same size. For example if one is 45° the angle opposite it will also be 45°