

Where this train line crosses the parallel lines of the road, alternate and corresponding angles can be found.

The alternate interior angles are inside the parallel lines, on opposite sides of the crossing line. Looking for a 'Z' shape can help to identify them.

Pairs of alternate interior angles are equal.

What is angle x ?

It is inside the parallel lines and on the opposite side of the crossing line from this angle which is 59 degrees, therefore x is also 59 degrees.

To identify the corresponding angles, look for an 'F' shape. They are in the same position on each parallel line and each pair of corresponding angles is equal.

So, if this angle is 102 degrees, notice that angle ' x ' is corresponding and so also has a value of 102 degrees.