



MATHSPOINTS.IE  
JUNIOR & LEAVING CERT

# CONSTRUCTIONS

LEAVING CERT HIGHER LEVEL

## Steps

1. Draw a **ray**, which will be perpendicular to the tangent, from  $O$  to  $X$ .
2. Construct a **perpendicular line** to the ray through  $X$  (see construction 4).
3. This line is the tangent to the circle at the point  $X$ .

