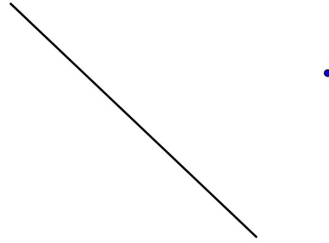


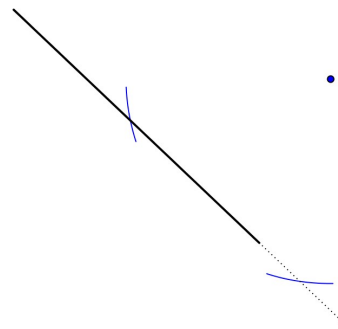
Perpendicular from a point

Here we will draw a line from the blue point to the line which will meet the line at 90° .

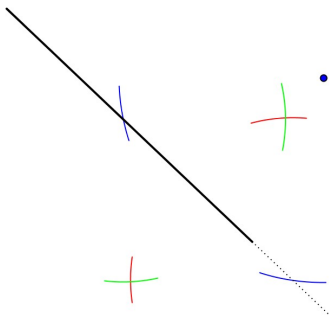


Draw arcs (of equal radius), centred on the point, that intersect the line.

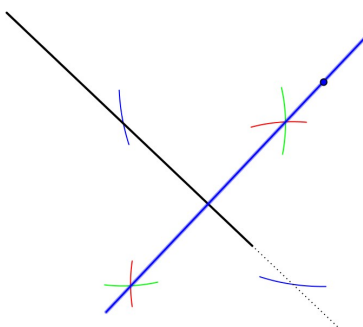
Note that the line may have to be extended.



Now draw arcs from each intersection as if you were finding the perpendicular bisector.



The line through the intersections (and the original point) will be perpendicular to the original line.



Check by measuring.

Do not erase construction lines (ie arcs) in any test; they are your "working out":.