

Constructing Perpendicular Line through a Point

- ① Start with a line and a point R not on that line
- ② Draw an arc which is about 50% longer than the distance from the point to the line, intersecting the line on each side of R, label these $\bullet P$ and $\bullet Q$
- ③ From each point ($P \& Q$), draw an arc below the line so the arcs cross, label this T
- ④ Draw \overleftrightarrow{RT} , which is perpendicular to \overleftrightarrow{PQ} and passes through R

