PERPENDICULAR LINES

## Construct a line perpendicular to a line through a point on a line

## Example 1 - Construct $\overrightarrow{PE} \perp \overrightarrow{AB}$ through P



## Construct a line perpendicular to a line through a point on a not on the line

Example 2 – Construct  $\overrightarrow{PE} \perp \overrightarrow{AB}$  through P



Try: Construct  $\overrightarrow{QR} \perp \overrightarrow{CD}$  through P

