

Foot of a perpendicular

For a given line l and point P , if we draw a line through P perpendicular to l , then this line will intersect l at a point Q . The point Q is called the *foot of the perpendicular line*.

Similarly, if we draw an **altitude** of a triangle or another figure, the point where the altitude meets the side to which it is perpendicular is called the *foot of the altitude*.

