

[12-01-24-T]

Line

Find the equation, in slope-intercept form, of the line through the points P, Q if

[1] $P(-2, 5)$ and $Q(1, -7)$.

[2] $P(-2, 9)$ and $Q(3, -7)$.

[3] $P(8, -3)$ and $Q(0, 7)$.

[4] $P(0, 0)$ and $Q(5, -7)$.

[5] $P(-2, 8)$ and $Q(9, -2)$.

[6] $P(1, 3)$ and $Q(5, 3)$.