

$$\begin{aligned}y - y_1 &= m (x - x_1) \\y - 68 &= 0.25(x - 124) \\y - 68 &= 0.25x - 31 \\y &= 0.25x - 31 + 68 \\y &= \mathbf{0.25x + 37}\end{aligned}$$

$$\begin{aligned}2. @ x &= 150 , \\y &= 0.25(150) + 37 \\&= 37.5 + 37 \\y &= \mathbf{74.5^\circ F}\end{aligned}$$

Preview from Notesale.co.uk
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