Differential Equation

Q. (t-15) dy - (y+9) dt=0. Calculate/find the differential equation

$$(t+s) dy = (9+9) dt$$

$$(t+s) dy = (9+9) dt$$

$$(g(t+s) + c_1 = log (9+s) + c_2$$

$$(g(t+s) - log (9+s) = c_2 - c_1$$

$$(g(t+s) / (t+s) = log (9+s) / (t+s) / (t+s) / (t+s) = log (9+s) / (t+s) / (t+s)$$

 $\oint_{\mathcal{L}}$.

dy=362y dt. Find the differential equation.