Question 1:

Given $x = 2$, $y = 6$, and $k = 8$ find $z = x^2 + y - k$

Solution:

$z = x^2 + y - k = (2)^2 + (6) - (8)$

$z = 2$

Question 2:

Given $V_1 = 2\,\mathrm{V}$ and $R_1 = 6\,\mathrm{k\Omega}$, find the current $I_R = V_1/R_1$

Solution:

$I_R = V_1/R_1 = (2)/(6e3)$

$I_R = 333.3\,\mu\mathrm{A}$