Which is the mean overhead of a pipeline with 9 stages and an execution time per stage of 3 ns? a) 24 ns b) 27 ns c) 3 ns d) 30 ns

$v(p)$ - a mean overhead of a pipeline;

k – number of stages;

T – time per stage

$$v(p) = (k - 1)T = (9 - 1)3 = 24 \, ns$$