



S 100-9a
A 24-8a
B 79-9a
C 69-6a
D 59-5a



$$T_{avg} = \frac{1}{T} \int_0^T x(t) dt$$
$$\beta = \frac{2 \times 10^4}{T}$$

$$y(t) = \frac{2 \cos t}{2}$$
$$y(t) = \cos t$$