➤ Evaluate $\int_0^{10} x^3 \delta(x-1)dx$

➤ Evaluate $\int_0^{10} x^3 \delta(x+1)dx$

➤ Evaluate $\int_{-10}^{10}(x^2+1)\delta(-2x-1)dx$

➤ Evaluate $\int_{-10}^{10}(x^2+1)\delta(2x-1)dx$