USE THIS AS REFRENCE DON'T COPY PASTE SAME



(i) Since
$$\int_{0}^{1} too dn = \int_{0}^{1} 6x(1-n) dn = 6$$

 $= 6 \left| \frac{n^{2}}{2} - \frac{n^{3}}{3} \right|^{1}$
 $= 1$, too is a p.d.t
(i) $too = \int_{0}^{1} (1-t) dt = (3n^{2} - 2n^{2}), 0 < n < 1$
 $too = \int_{0}^{1} (1-t) dt = (3n^{2} - 2n^{2}), 0 < n < 1$
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 $too = \int_{0}^{1} (1-t) dn$
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