26 If the distance from a charged particle is doubled, how do the new values of field strength and potential due to the charge compare to the original values?

	field strength	potential
A	$\frac{1}{4}$	$\frac{1}{4}$
B	$\frac{1}{4}$	$\frac{1}{2}$
C	$\frac{1}{2}$	$\frac{1}{4}$
D	$\frac{1}{2}$	$\frac{1}{2}$