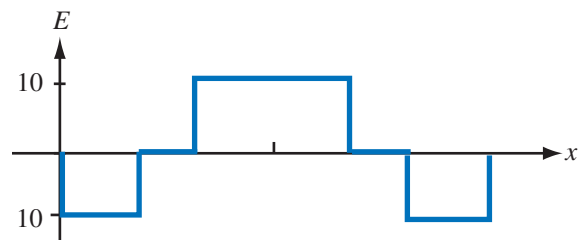
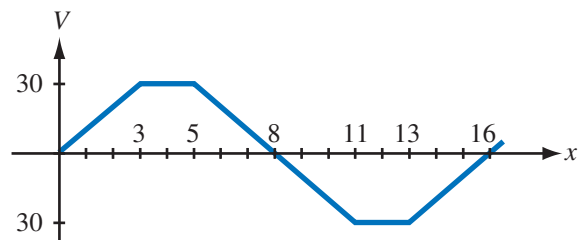
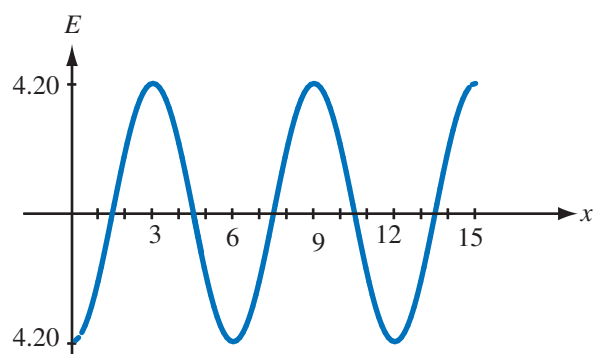
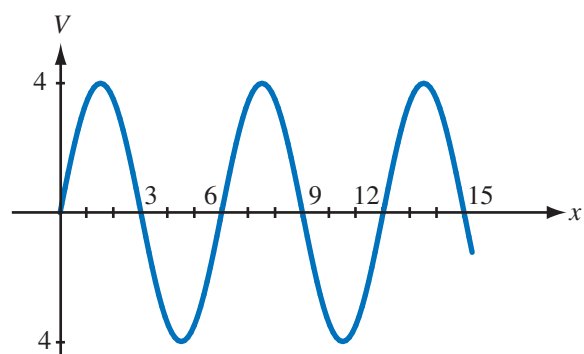


**4.36** For each of the distributions of the electric potential  $V$  shown in Fig. P4.36, sketch the corresponding distribution of  $E$  (in all cases, the vertical axis is in volts and the horizontal axis is in meters).

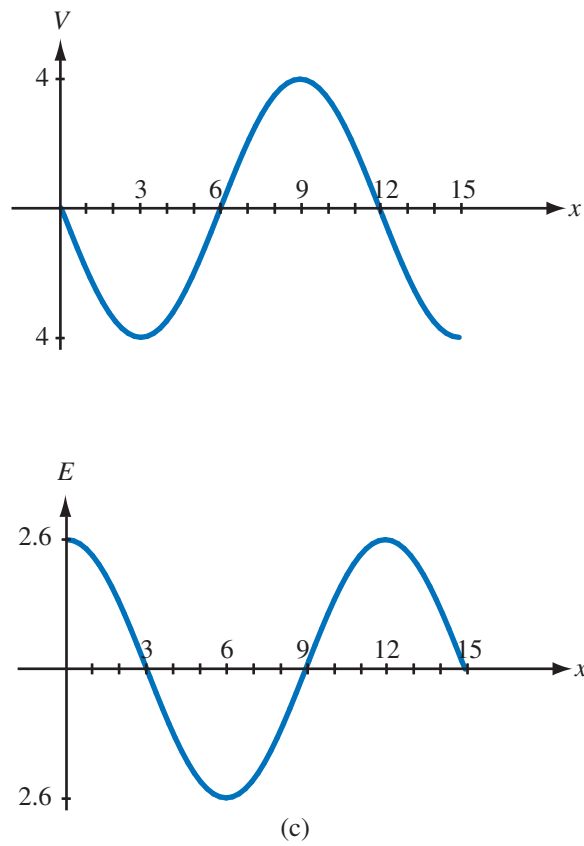
**Solution:**



(a)



(b)



**Figure P4.36:** Electric potential and corresponding electric field distributions of Problem 4.36.

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