$E = (x, 0, 2z) \qquad B = (0, 0, 0)$

$\nabla \cdot B = 0 \qquad \nabla \cdot E = 3 \qquad \therefore \rho = 3\varepsilon_0$

$\frac{\rho}{\varepsilon_0} \leftarrow \text{const}$

$\nabla \times E = 0 \qquad \nabla \times \vec{B} = 0$

$\therefore \mu_0 \vec{J} + \varepsilon_0 \mu_0 \frac{\partial \vec{E}}{\partial t} = 0$

$\frac{\partial \vec{E}}{\partial t} \neq 0$

$\cancel{\mu_0} \vec{J} = -\varepsilon_0 \cancel{\mu_0} \frac{\partial \vec{E}}{\partial t}$

$\vec{J} = -\varepsilon_0 \frac{\partial \vec{E}}{\partial t}$

$\vec{J} \neq 0$

$\rho =$ do this