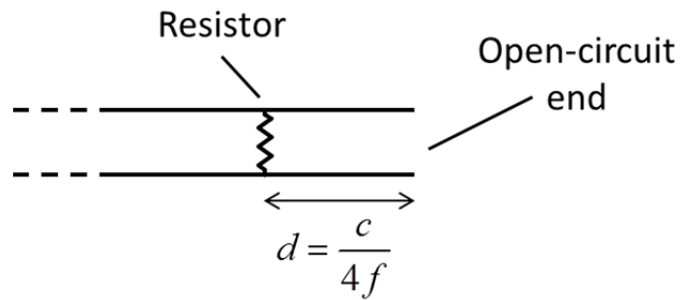## Supplementary question 1

a) What happens if we add a resistor between the two conductors on the open-circuited line, at a distance $d = c / (4f)$ from the right (open-circuit) end?



b) Where else could you position the resistor to have the same effect?