Binary Logic Exercise

(1/1 point)

Which of the following is a valid transformation when the objective is to minimize z subject to $z = \max\{2x - 4, |x - y|\}$? Select all answers that are correct.

- [ ] Max $\{z : \ z \geq 2x - 4, \ z \geq x - y, \ z \geq y - x\}$.
- [x] Min $\{z : \ z \geq 2x - 4, \ z \geq x - y, \ z \geq y - x\}$. ✔
- [ ] Min $\{z : \ z \geq 2x - 4, \ z \geq x - y, \ z \leq x - y\}$.
- [ ] Min $\{z : \ z \leq 2x - 4, \ z \leq x - y, \ z \leq y - x\}$.

✔

SOLUTION

- Min $\{z : \ z \geq 2x - 4, \ z \geq x - y, \ z \geq y - x\}$.

You have used 1 of 2 submissions