Quiz 4

2/2 questions correct

Excellent!

Retake

Next (/learn/approximation-algorithms-part-2/lecture/eAkFN/proof-of-weak-duality-theorem)

✔ 1.

If the primal is a maximization problem, any solution to the primal is a lower bound for the value of the dual.

- ○ True

Well done!

- ○ False

✔ 2.

If a linear program has a solution of finite value we say that it is *feasible.*

If a linear program has infinite value we say that it is *unbounded*.

If a linear program has no solution we say that it is *infeasible*.

Select all the correct statements.

- ☐ If the primal is feasible then the dual is feasible

Well done!

- [ ] If the primal is unbounded then the dual is unbounded

Well done!

- [ ] If the dual is infeasible then the primal is unbounded

Well done!

- [ ] If the dual is unbounded then the primal is either unbounded or infeasible

Well done!