✖

Quiz 7

1/1 question correct

Excellent!

Retake

Next (/learn/approximation-algorithms-part-2/supplement/RoztM/slides)

✔ 1.

Consider a linear program in the appropriate form described during the lectures.

Namely, in the following form:

max $c \cdot x$

$Ax \leq b$

$x \geq 0$

Consider any feasible solutions x for the primal and y for the dual.

Let P be the value of the optimal fractional solution for the primal and D the value of the optimal fractional solution for the dual.

Pick all the correct statements.

☐ $x \geq D$

Well done!

☐ $x \leq D$

> **Well done!**

☐ $x \le y$

> **Well done!**

☐ $P = D$

> **Well done!**

☐ $y \le P$

> **Well done!**