



Bookmarks

▸ General Information

▸ Week 1

▸ Week 2

▸ Week 3

▼ Week 4

Lecture

Lecture questions due Oct 04, 2016 at 19:30 IST

**Recitation****Problem Set 4**

Homework 4 due Oct 04, 2016 at 19:30 IST



Week 4 > Lecture > Divisibility Constraints Exercise



Bookmark

Divisibility Constraints Exercise

(1/1 point)

Consider the statement x_1 is NOT divisible by 8. We model the statement starting with the constraint: $x_1 = 8y_1 + y_2$ for $x_1, y_1, y_2 \in \mathbb{Z}_{\geq 0}$. Which two additional constraints are needed?

☐ $y_2 \geq 0.$ ☒ $y_2 \geq 1.$ ✓☒ $y_2 \leq 7.$ ✓☐ $y_2 \leq 8.$ **SOLUTION**

$$y_2 \geq 1.$$

$$y_2 \leq 7.$$

You have used 1 of 2 submissions

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