

$$n + 3 \leq 5$$

$$0 + 3 \leq 5 \\ 3 \leq 5 \quad \checkmark$$

$$2 + 3 \leq 5 \\ 5 \leq 5 \quad \checkmark$$

$$4 + 3 \leq 5 \\ 7 \leq 5 \quad \times$$

$$R = \{0, 2, 4, 6, 8\}$$

$$S = \{0, 2\}$$

$$n - 10 > 20$$

$$8 - 10 > 20$$

$$-2 > 20 \quad \times$$

$$\text{empty} = \emptyset \\ s:t$$

$$R = \{1, 2, 3, 4, \dots\}$$

$$t + 1 > 5 \\ -1 \quad -1$$

$$t > 4$$

$$S = \{5, 6, 7, \dots\}$$

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Homework
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