

DETECTOR BUILDING C

PRINCETON UNIVERSITY SCIENCE OLYMPIAD INVITATIONAL TOURNAMENT 2020

INSTRUCTIONS

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| 1 | This event is run at the regional level. You have 10 minutes to set up your device and modify your code, which is part of the time allowed for the written test. |
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TEMPERATURE RANGES

Block 1	$0 < \text{green} \leq 29$ $29 < \text{red} \leq 60$ $60 < \text{blue} \leq 75$
Block 2	$0 < \text{red} \leq 34$ $34 < \text{blue} \leq 54$ $54 < \text{green} \leq 75$
Block 3	$0 < \text{red} \leq 27$ $27 < \text{green} \leq 61$ $61 < \text{blue} \leq 75$
Block 4	$0 < \text{blue} \leq 21$ $21 < \text{green} \leq 42$ $42 < \text{red} \leq 75$
Block 5	$0 < \text{green} \leq 31$ $31 < \text{blue} \leq 57$ $57 < \text{red} \leq 75$
Block 6	$0 < \text{green} \leq 15$ $15 < \text{red} \leq 55$ $55 < \text{blue} \leq 75$
Block 7	$0 < \text{blue} \leq 36$ $36 < \text{red} \leq 60$ $60 < \text{green} \leq 75$