

MATH 140A Review: Set builder notation in $\mathbb{R}$

Simplify the notation:

1. $\mathbb{N} \cap [0, 1.2)$
2. $\{x \in \mathbb{R} : x > 2\} \cap (-\infty, 8]$
3. $\mathbb{R}^c$
4. $\mathbb{Z} \cap \mathbb{Q}^c$