



Why

What is the additive inverse for reals.¹

Main Result

Proposition 1. *Let $R \in \mathbf{R}$. The set $\{-r \mid r \in R \text{ and } s \notin R\}$ is an additive inverse of R in \mathbf{R} .*

Notation

We denote the additive inverse of $R \in \mathbf{R}$ by $-R$.

¹Future editions will expand.

