Axiom 4.

$$|u + (-1)u| = |\cdot u + (-1)u| Axiom |0|$$

$$= (1 + (-1))u| Axiom |8|$$

$$= 0 \cdot u| Axiom |5|$$

$$= 0 |Exercise |2|$$

$$cu = o (c \neq 0)$$

$$\frac{1}{c} (cu) = o \cdot \frac{1}{c}$$

$$u = 0.\frac{1}{c}$$
 [Axiom 10]

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