

Name: _____

QUIZ 6 

MATH 300
September 10, 2024

1. This question concerns the statement $R : \forall a \in \mathbb{R}, \exists b \in \mathbb{R}, b^2 = a$


(a) Is this statement true or false?

(b) Form the negation $\neg R$, and simplify.

(c) Write R as an English sentence.

(d) Write $\neg R$ as an English sentence.

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