

---

Name: \_\_\_\_\_

QUIZ 18 ♡

MATH 211

April 18, 2023

---

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

(a) Is this statement true or false?

(b) Form the negation of the statement, and simplify.

---

Name: \_\_\_\_\_

QUIZ 18 ◇

MATH 211

April 18, 2023

---

1. This question concerns the statement  $\forall a \in \mathbb{R}, \exists b \in \mathbb{R}, b^3 = a$

(a) Is this statement true or false?

(b) Form the negation of the statement, and simplify.