

# Addressing Quantification of the Negation

Negate the following statements. Is the original or the negation true?

(a) For all  $x \in \mathbb{R}$ ,  $x^2 - 3x + 2 = 0$ .

(b) There exists an  $x \in \mathbb{R}$  such that  $x^2 < 0$ .