Boone Tison

Ch 3.1 Homework

22 b:

∀ arguments x, if x is valid with true premises then x has a true conclusion

24 b:

∃ a question x such that x is easy

∃x such that x is a question and x is easy

25 b:

∀ polynomial functions x, the derivative is a polynomial function

∀x, if x is a polynomial function, then the derivative of x is a polynomial function

25 d:

∀ irrational numbers x, the negative is irrational

∀x, if x is an irrational number, then the negative of x is irrational

25 f:

∀ fractions x and y, the product of x and y is a fraction

∀x and y, if x and y are fractions, then the product of x and y is a fraction