Be an Investigator
Description of Investigation and Student Report

Dear Investigator ________________,

(name)

My company makes board games. For one of our games we need 10 cards with “If . . . then” statements about equations. We would like half of the statements to be true and half of the statements to be false. For example, “If \(x + 3 = 5\), then \(x = 2\)” is an example of a true statement. “If \(x - 6 = 4\), then \(x = 9\)” is an example of a false statement. We would like you to write 10 statements like this for us and tell us if the statement is true or false.

Sincerely,
Charlene Wong
Dear Ms. Wong,

Card 1: ___________________________  True or False: _________

Card 2: ___________________________  True or False: _________

Card 3: ___________________________  True or False: _________

Card 4: ___________________________  True or False: _________

Card 5: ___________________________  True or False: _________

Card 6: ___________________________  True or False: _________

Card 7: ___________________________  True or False: _________

Card 8: ___________________________  True or False: _________

Card 9: ___________________________  True or False: _________

Card 10: ___________________________  True or False: _________

Yours truly,

Investigator ________________________

(your name)