

True or False - Investigation

Dear Investigator,

My company makes board games. For one of our games we need 10 cards with “If . . . then” statements.

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,

Mario Mifsud