

Student ID: 1705046.

chapter: 1

Section: 1

Exercise No: 16.

Verifying ID: 1705067.

16. Determine whether these biconditionals are true or false.

- a) $2+2=4$ if and only if $1+1=2$.
- b) $1+1=2$ if and only if $2+3=4$.
- c) $1+1=3$ if and only if monkey can fly
- d) $0>1$ if and only if $2>1$.

Answer:

a) True

b) False

c) ~~False~~ True.

d) False