7.3 Valid and Invalid Arguments

Based on Implications

toath values placed

the hypothesis and conclusion

are determined by Valid arguments

France are 4 valid arguments that follow logical vales

Direct Argument

P > Q istrue P is true

Q is true

If the pizza is hot, then I eat 4 slives The pizza is hot Indirect Argument

Po Q is true

not Q is true

not P

Chain Rule

P -> Q +rue Q -> R +rue

R-12 time

Por Q true

Por Q true

Por Q

Por Q

not P

Q is true

Only one you change direction
and still be valid

Valid

Direct P-Q, P. Q

Indiret P-Q, not Q: not P

chain P-Q, Q-R: P-R

or Por Q, not Q: P

Invalid

P-> Q
Q
Q
P can't assume true

P-> Q
Not P
Inot Q can't assume true