Validity of Arguments (2.E.)

premise -> proposition known to be true argument -> claim that conclusion follows from premises

Ded.] P = Q P -> Q is touto logy by implies/deduced

valid argument > candusion follows from premises

Def. | formal proof -> sequence of propositions (premises or deduced)

Number Sets and Divisibility (3.2.2)

natural numbers (IN) > 0,1,2... + x integers (Z) -> 0,-1,1... + - x rational numbers (Q) -> $\frac{m}{n}$ + - x/ real numbers (IR) > decimal form + - x/ irrational numbers -> 73, π

nu-integers

m/n if n=wk for integer k

2/n=>u-even 2/n=>u-odd

N>1-prime if 11n who and us other