Skill Mastery Quiz - Omar L3, L4, P1

Communicating in Math (MTH 210-01)

Winter 2020

L3-token Construct a truth table for $P \vee (Q \to R)$.

L4-token Write the set $\{\ldots, -1, 2, 5, 8, 11, \ldots\}$ in set builder notation.

P1-token Consider the following theorem:

$$\text{For all integers } a, b, \text{ and } c, \text{ if } a \mid b \text{ and } b \mid c \text{ then } a \mid c.$$

State what you would assume in a direct proof of theorem.

State what you would assume in a proof by contradiction of the theorem.