8)

p				p∨q		p→~q		p→R	R	~q∨~t
T	q	r	p∨q		p	q	p	p	R	

$\therefore$ Invalid

24) If Jules solved correctly, Jules obtained Answer 2.
      P   →   q

Jules obtained the answer 2
      q

Jules solved the problem correctly
      P   converse error

43) a) $\sim P \lor q \to R = \sim P \to R \land \sim S$

  b) $S \lor \sim q = t \to S$

  c) $u \to \sim P \subset \sim t$

  d) $P \to t = \sim W$

  e) $\sim P \land R \to \sim S = U \lor W$

  f) $\therefore \sim T = \therefore \sim T$