

Translating from PL into English

Using the dictionary provided, translate the following wffs into English.

Dictionary:

P: You miss the train I'm on.

Q: You know that I have gone.

R: You can hear the whistle blowing.

S: The whistle is blowing 100 miles.

T: The whistle is blowing 500 miles.

The wffs:

1. $(T \supset \sim S)$
2. $(P \supset Q) \supset R$
3. $(P \supset Q) \& (R \& S)$
4. $(\sim P \vee Q) \& \sim R$
5. $(S \vee \sim T) \& \sim(S \& T)$
6. $(S \supset R) \& (T \supset \sim R)$
7. $(R \equiv \sim(P \vee Q))$
8. $\sim(\sim Q \supset (\sim P \equiv T))$
9. $\sim(\sim T \vee \sim S)$
10. $\sim(T \vee \sim S)$

Credit: Bob Dylan, who apparently [doesn't always cite his sources](#).

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