

2.35.1 Deduction Problem

Complete the **deduction** of the following argument, using the inference rule **Vel Elim** (repeatedly).

Vel Elim (\vee -)

$$\frac{(\bullet \vee \blacktriangle) \quad \sim \bullet}{\blacktriangle}$$

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1. $(R \vee (P \vee Q))$

2. $(S \vee \sim R)$

3. $(T \vee \sim P)$

4. $\sim S$

5. $\sim T$

Get: Q

6. $\sim P$

3, 5, \vee -

*(This one's
done for you)*