Homework on §4.2—assigned Fri 9/28 and due Mon 10/1

Construct a derivation to show the following. Do not use any rules for disjunction other than PC and PE; in particular, do not use the rules MTP and Wk that are introduced in §4.3:

$$A \vee B, \neg (B \wedge \neg C) \vDash A \vee C$$