

CALIFORNIA STATE POLYTECHNIC UNIVERSITY, POMONA
College of Engineering

ETT 101 Intro to ET
Winter 2013

Homework 8

Apply the strategies we learned in class for definitions comprehension and problems solving:

1. Read the given definition and answer the five questions about this definition:

Definition: A **union** of two sets A and B, denoted as $A \cup B$, is a set S such that element x is in S if x is in A or x is in B.

- a. What objects does it apply to?
- b. How do we check to see if it's satisfied?
- c. Does *anything* satisfy this definition?
- d. Does anything *not* satisfy this definition?
- e. What kind of problems can we solve with it?

Due: Wednesday, 2/6/2013, by 9:00am.

Naming: Your homework must be in Word document: hw8LastFirst.doc (where Last and First are your last and first names).

Delivery: by e-mail to eyharris@csupomona.edu

Please note that late assignments will not receive any credit.