

Logic Homework – Day Six

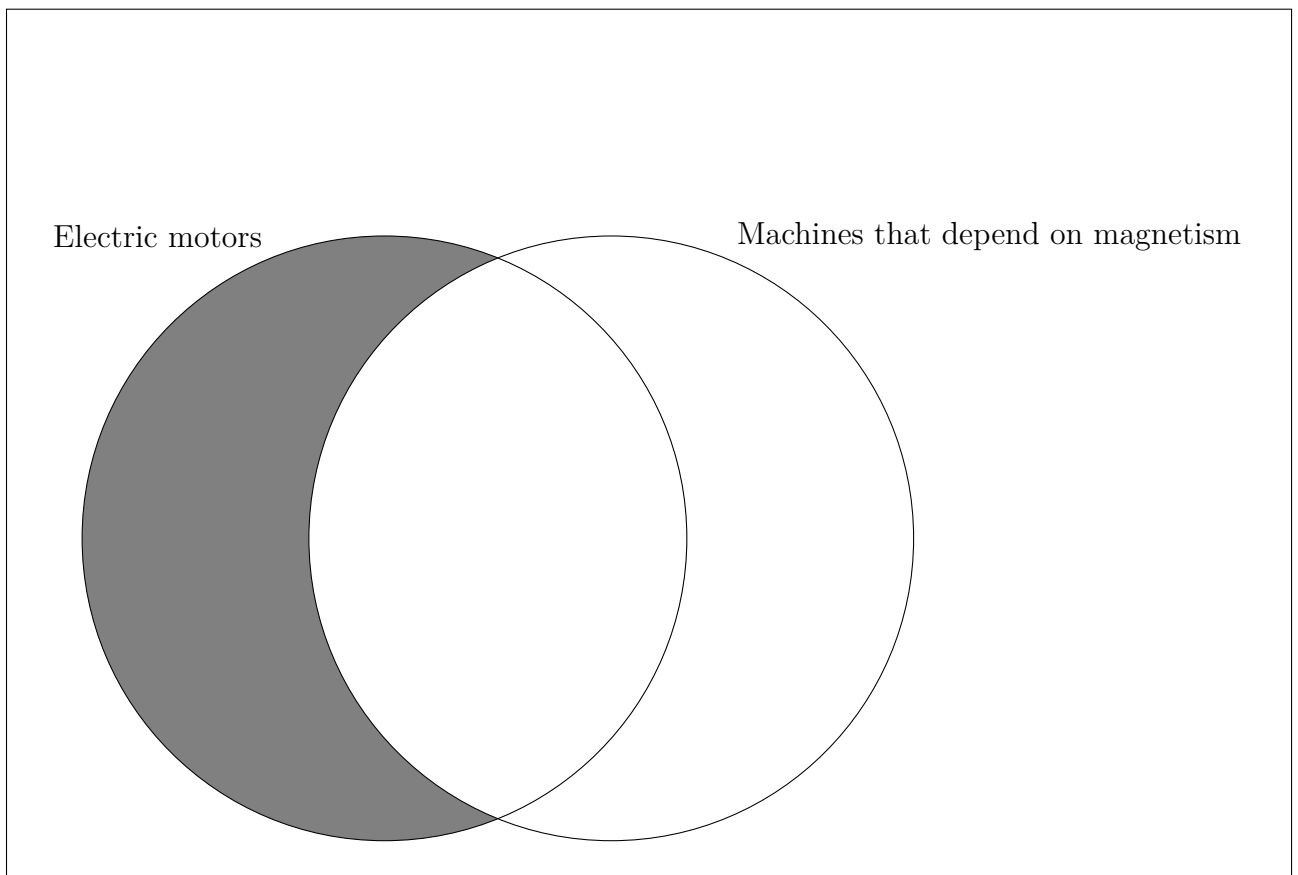
BRADLEY RETTLER

FEBRUARY 18, 2016

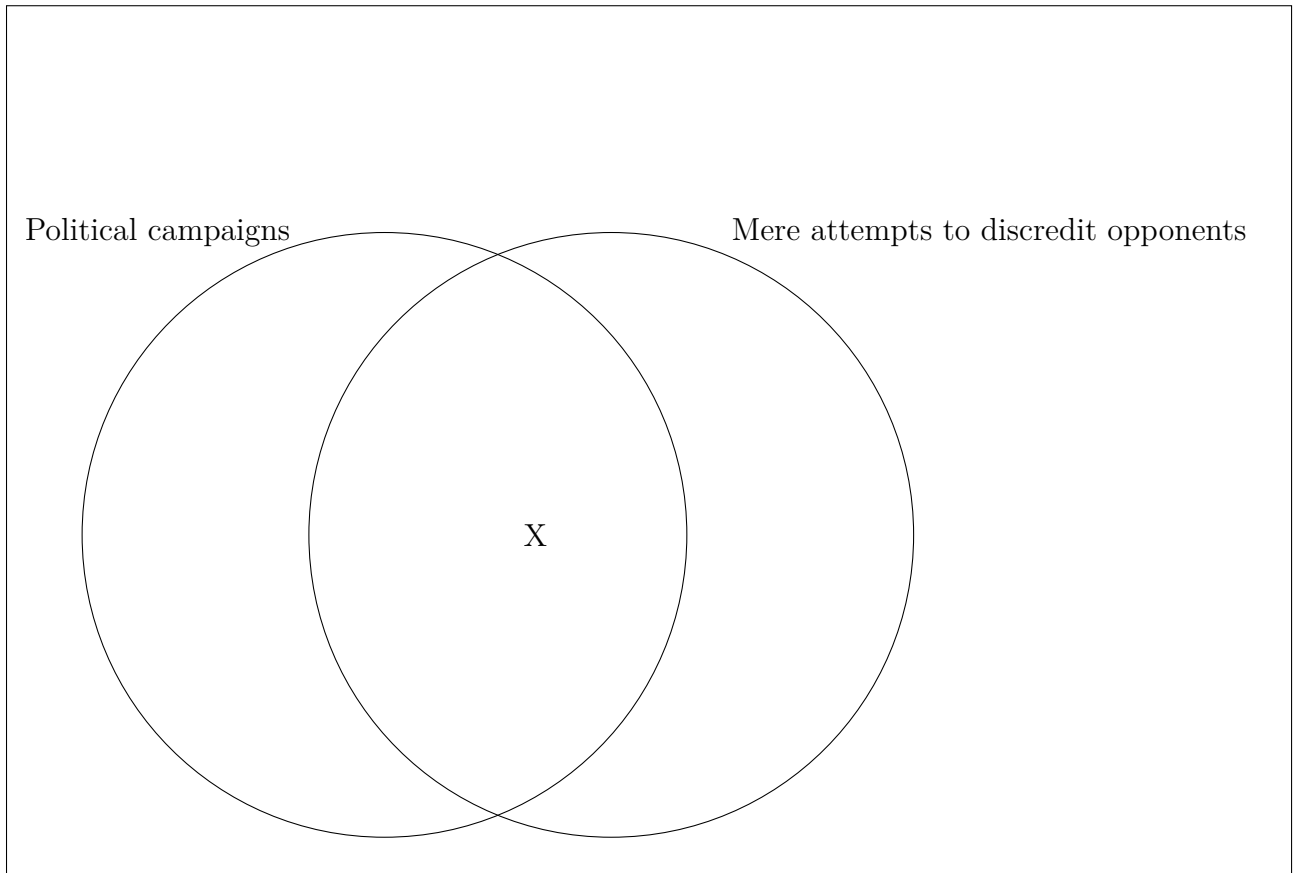
Due 2/18: Section 3.3: I: 2, 3, 5, 6, 8.

Section 3.4. II: 1c, 1d, 2b, 2d, 3b. III: 8, 9, 11, 15.

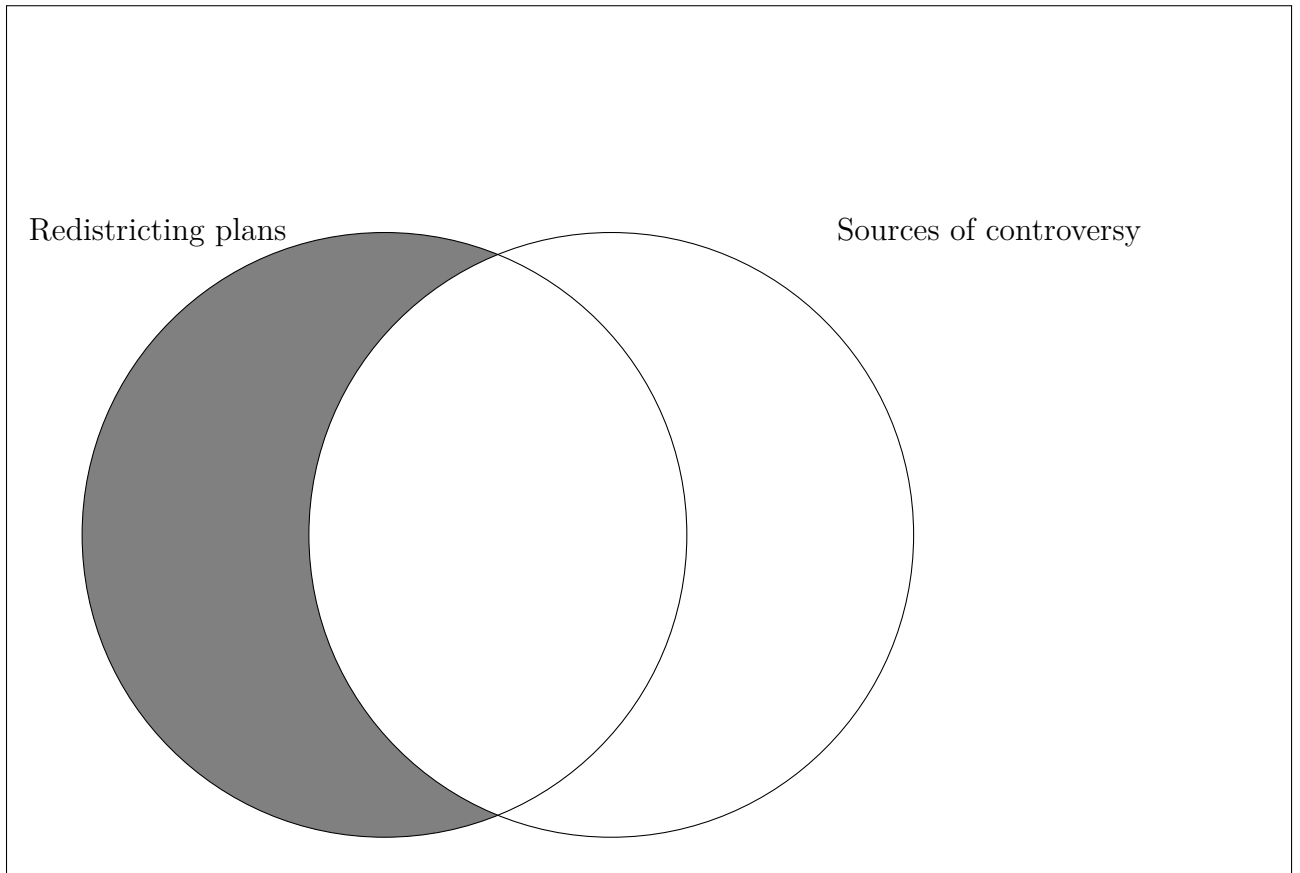
Section 3.3: I: 2:



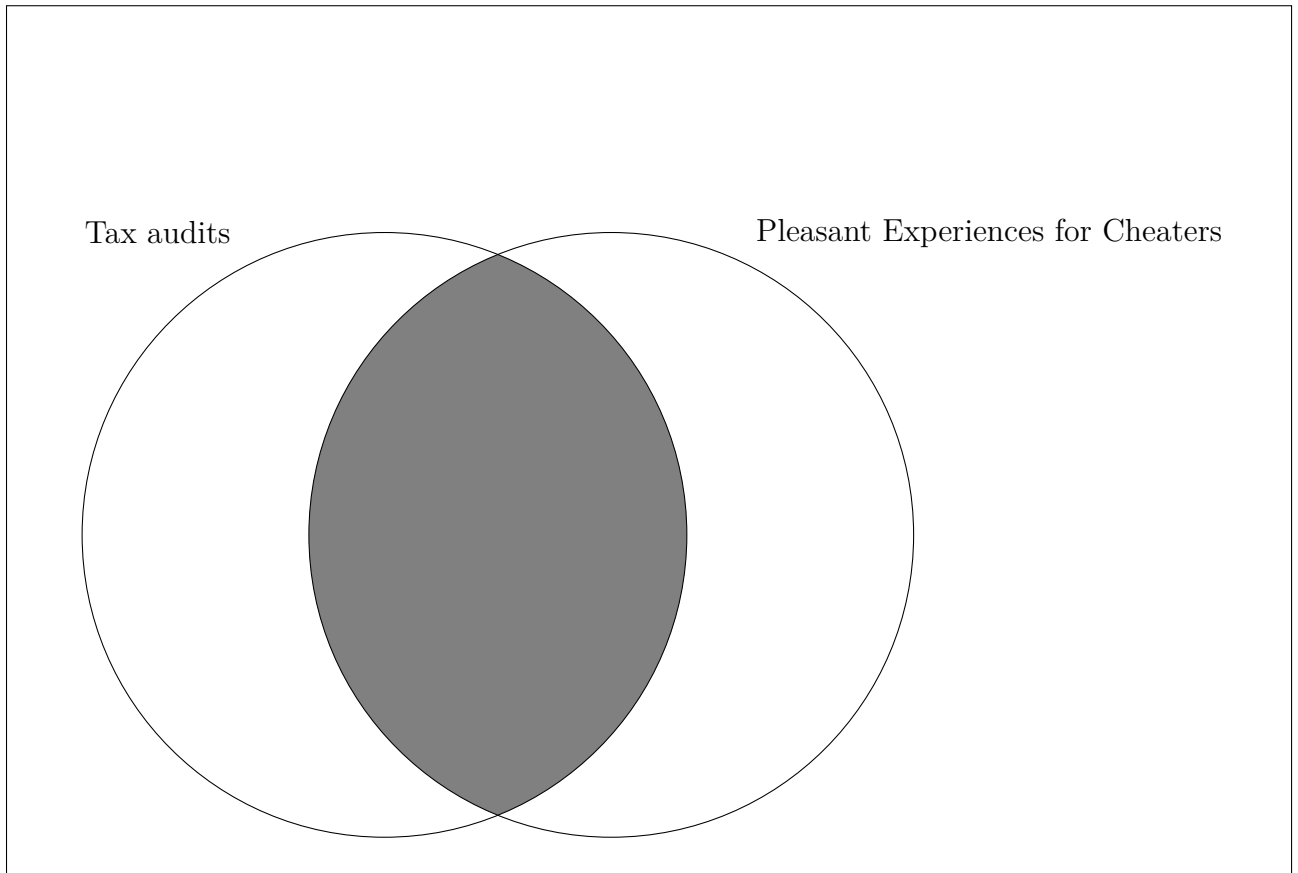
Section 3.3: I: 3,



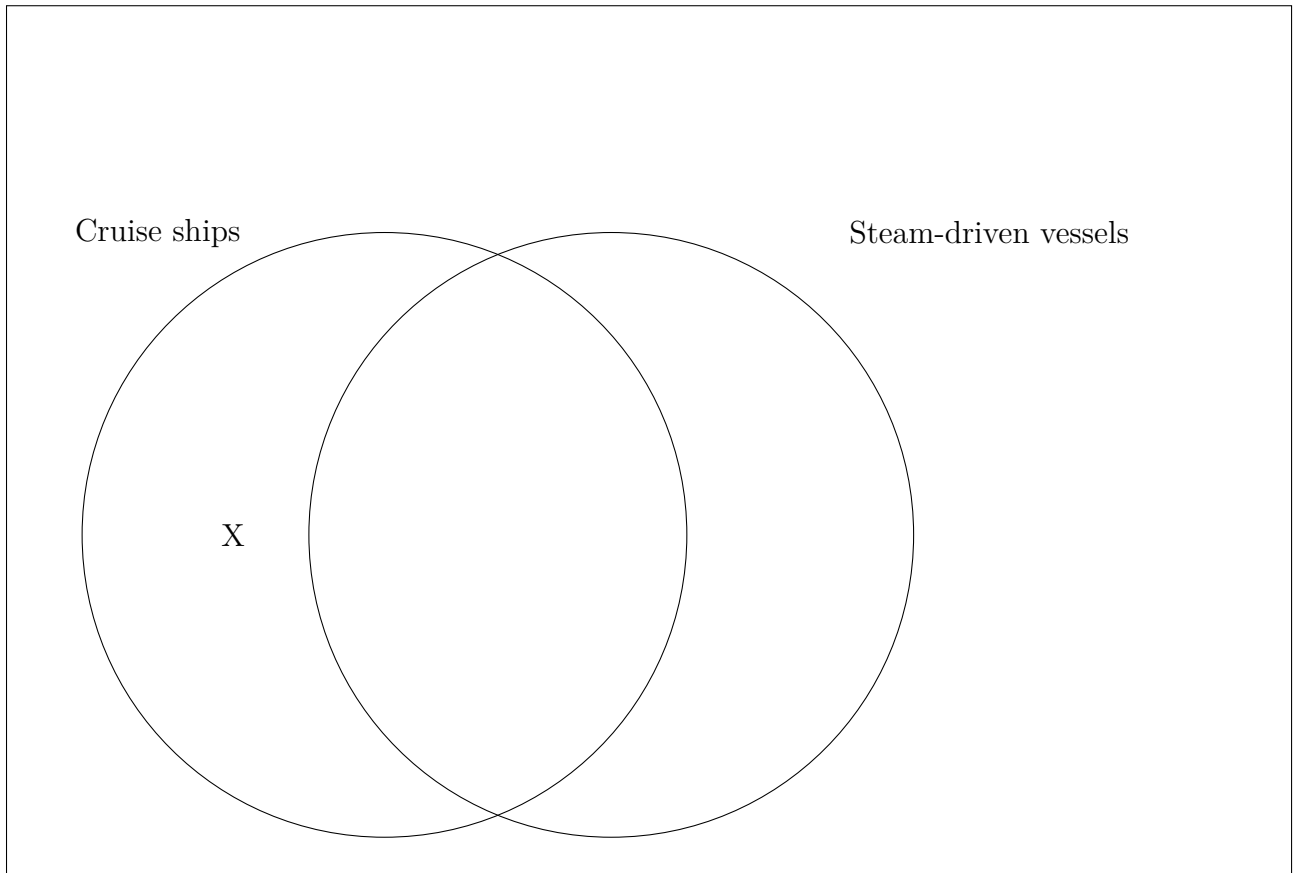
Section 3.3: I: 5,



Section 3.3: I: 6,



Section 3.3: I: 8.



Section 3.4. II: 1c: Some works that celebrate the revolutionary spirit are murals by Diego Rivera. Logically equivalent.

Section 3.4. II: 1d: Some substances with a crystalline structure are not forms of carbon. Not logically equivalent.

Section 3.4. II: 2b: All cult leaders are non-(people who fail to brainwash their followers). Logically equivalent.

Section 3.4. II: 2d: Some budgetary cutback are non-(actions fair to the poor). Logically equivalent.

Section 3.4. II: 3b: No non-(migrants granted asylum) are non-(unpersecuted migrants). Not logically equivalent.

Section 3.4. III: 8: Invalid. Illicit conversion.

Section 3.4. III: 9: Invalid. Illicit contraposition.

Section 3.4. III: 11: Valid.

Section 3.4. III: 15: Invalid. Illicit conversion.