

Homework 2: Due in Lab Week of Jan. ~~20-24~~.

Feb 1-5

Black Box

For:

$$V = 12 \text{ Vdc}$$

$$R_1 = 120 \, \Omega$$

$$R_2 = 200 \, \Omega$$

Calculate R_3 so that

$$V_{AB} = 4 \text{ Vdc}$$

How Much Current will be Drawn Through AB (R_2) when circuit is closed across AB with no load

