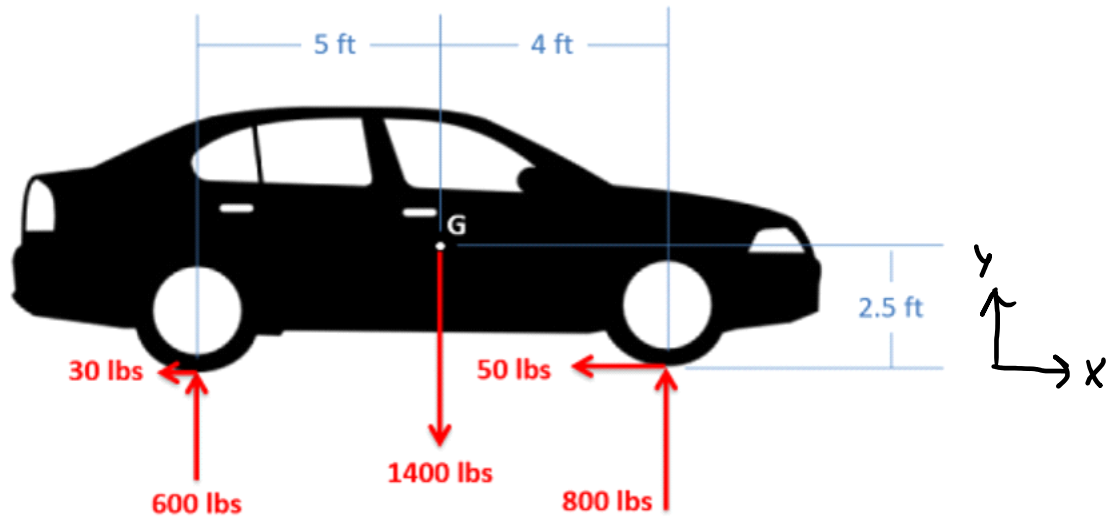


Problem 2

Find the equivalent force couple system about point G for the set of forces shown below.



$$\sum F_x = -30 - 50 = \underline{-80 \text{ lbs}}$$

$$\sum F_y = 600 + 800 - 1400 = \underline{0}$$

$$\sum M_G = (800)(4) - (600)(5) - (50)(2.5) - (30)(2.5) = \underline{0}$$

Solution

