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With the obtained values

$$F_{\text{green}} \doteq 324.6$$

$$F_{\text{rad}} \doteq 366.5$$

$$F_{\text{win}} \doteq 39.0$$

$$F_{\text{alm}} \doteq 324.5$$

$$F_{\text{up}} \doteq 201.0$$

The new balances are as follows:

(1) surface $165 + 324.6 = 123.1 + 366.5 = 489.6$

(2) atmosphere $75 + 324.5 + 123.1 = 324.6 + 201.0 = 525.6$

(3) space $240 = 201.0 + 39.0$

(4) $366.5 = 324.5 + 39.0$

(5) $b = \frac{201.0}{324.6} \doteq 0.619$

(6) $x = \frac{39.0}{366.5} \doteq 0.106$