$$a = 0.1, b = 0.1, \theta_0 = 0, \beta_0 = 1$$
 $a = 1, b = 1, \theta_0 = 0, \beta_0 = 3$

$$a = 1, b = 1, \theta_0 = 0, \beta_0 = 3$$

$$a = 4$$
, $b = 6$, $\theta_0 = 2$, $\beta_0 = 5$





