ECO240 Quiz 5 (May 18, 2018)

ID:

Name:

X: # hours studied for ECO240 final exam	Y: earned final exam score
32	85
47	93
5	35

1. Calculate SSR (regression sum of squares) and SSE (error sum of squares)

2. Draw (a) data points, (b) regression line, (c) $\hat{y}_i$, (d) $\bar{y}$, (e) $(\hat{y}_i - \bar{y}\ )$, (f) $(y_i - \hat{y}_i)$, (g) $(y_i - \bar{y}\ )$.

3. Calculate R^2 and interpret the result.