

**In-Video Quiz Questions for
Unit 6: Part 2 – (1) Residuals**

(00:44) – slide 2, after “Minus \hat{Y} , the predicted response variable.”

1. If the predicted value of the response variable for a given data point is above the observed value, is the residual negative or positive?

- (a) negative
- (b) positive

(01:47) – slide 3, after “So the model overestimates the poverty level in Rhode Island and underestimates the poverty level in DC.”

2. If the predicted value of the response variable for a given data point is above the observed value, does the model underestimate or overestimate the data point?

- (a) underestimate
- (b) overestimate

Answers:

1. a
2. b