

Answer Key – Gerrymandering

For each of your district maps, calculate scores based on the 4 methods shown in the Gerrymandering Scoring overhead. Fill out the table below by listing the name of each district (state and numbers), and each district's score.

Answers in table will vary, but the scores should all have a value between 0 and 1.

DISTRICT NAME AND NUMBER	CONVEX HULL	REOCK	POLSBY-POPPER	MODIFIED SCHWARTZBERG
sample (OH)	0.61	0.33	0.28	0.53

Use each score to explain whether or not you would recommend that this district be further researched to determine if gerrymandering has actually occurred.

Answers will vary, but they should show an understanding that a score closer to 0 than 1 has a higher likelihood of being gerrymandered and should be investigated further, while a score closer to 1 than 0 is less likely to be gerrymandered.

For the sample (OH), the scores are not very high. The Polsby-Popper and Reock score suggest that gerrymandering may have occurred and warrant further investigation. The scores of the other two methods are greater than 0.5 but are not strong enough to suggest that gerrymandering did not occur.