

# STATS don't lie can tell any story

Year	Inflation	President
1	3.5%	A
2	2.5%	B
3	6.0%	B
4	3.0%	B

**1** Form groups of three. One of you will be President A, another President B, and the third the Chief of the Bureau of Economic Analysis.

**2** Presidents A and B should each make a figure on inflation that makes them look good. The Chief should make a figure that accurately captures the inflation trend.

**3** As a group, calculate the **LIE factor** by comparing the presidential figures with the Chief's figure. Remember, the LIE factor is:

$$\frac{\text{Change in Graph}}{\text{Change in Actual Data}}$$