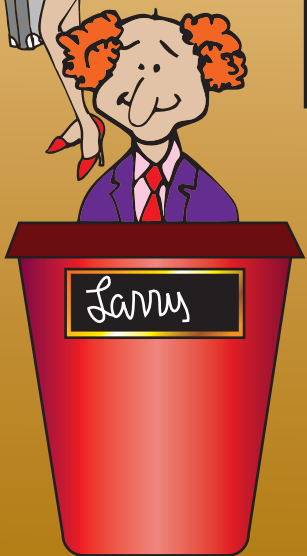




The Three Stooges face off in a game of Deal or No Deal. Each one plays the game once. You can see their remaining briefcases and the banker's offer. **If each one takes the banker's offer, which one makes the best deal compared to the 'mean' or 'average'? Why? Hint: This is not asking who receives the highest offer from the banker. That would be way too easy!** The mean for Larry's remaining briefcases has been calculated for you. Do the same for Curly and Moe, in the spaces provided, to determine who makes the best deal.



Offer	
\$ 70,000	
\$ 01	\$ 1,000
\$ 1	\$ 5,000
\$ 5	\$ 10,000
\$ 10	\$ 25,000
\$ 25	\$ 50,000
\$ 50	\$ 75,000
\$ 75	\$ 100,000
\$ 100	\$ 200,000
\$ 200	\$ 300,000
\$ 300	\$ 400,000
\$ 400	\$ 500,000
\$ 500	\$ 750,000
\$ 750	\$ 1,000,000



Offer	
\$ 200,000	
\$ 01	\$ 1,000
\$ 1	\$ 5,000
\$ 5	\$ 10,000
\$ 10	\$ 25,000
\$ 25	\$ 50,000
\$ 50	\$ 75,000
\$ 75	\$ 100,000
\$ 100	\$ 200,000
\$ 200	\$ 300,000
\$ 300	\$ 400,000
\$ 400	\$ 500,000
\$ 500	\$ 750,000
\$ 750	\$ 1,000,000



Offer	
\$ 20,000	
\$ 01	\$ 1,000
\$ 1	\$ 5,000
\$ 5	\$ 10,000
\$ 10	\$ 25,000
\$ 25	\$ 50,000
\$ 50	\$ 75,000
\$ 75	\$ 100,000
\$ 100	\$ 200,000
\$ 200	\$ 300,000
\$ 300	\$ 400,000
\$ 400	\$ 500,000
\$ 500	\$ 750,000
\$ 750	\$ 1,000,000

$$\text{mean} = \frac{100 + 300 + 1000 + 25,000 + 300,000}{5}$$

$$\text{mean} = \frac{326,000}{5}$$

$$\text{mean} = 65,280$$

$$70,000 (\text{offer}) - 65,280 (\text{mean}) = 4720$$

$$\% = \frac{4720}{65280} = .072 = 7.2\%$$

The offer is close to 7.2% higher than the mean.

