

McTofu Burgers chpt 5

Saturday, August 20, 2016 10:13 AM

AP Statistics – Classwork

Here are the weekly payrolls for two imaginary restaurants, Mooseburgers and McTofu.

1. Find the 5-number summaries.

Statistic	M-burgers	McTofu
Min		
Q1		
Median		
Q3		
Max		

2. Create parallel boxplots. Label your graph clearly.
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3. Write a few sentences comparing the distributions.

4. Which restaurant pays the higher average salary? _____

5. Why is the mean salary misleading?

6. At which restaurant would you rather work? Give a sound statistical justification for your decision.

Chapter 5

Mooseburgers		McTofu	
Al	\$123	Ken	\$110
Boris	\$136	Latisha	\$115
Connie	\$144	Maria	\$130
Dwight	\$150	Nate	\$100
Ernie	\$110	Otto	\$120
Francois	\$131	Pablo	\$146
Gloria	\$140	Quentin	\$117
Horace	\$160	Rosa	\$129
Isaac	\$120	Sally	\$360
Juan	\$130	Ted	\$132
		Uta	\$107