

Name:

Pugh:

Pugh Chart Practice.

General Information: You came into some money....and have decided to buy a car. There are many different cars which you can buy. The problem is that each these have some things you like and some things that you don't. As an example, maybe one is the perfect color but has awful gas mileage. Another could have the perfect price but it is a truck and you like 4 door cars (sedan). What do you do to determine which vehicle will meet the majority of your needs?

0	Criteria is never met (HATE it)
1	Criteria is rarely met (can handle it)
2	Criteria is sometimes met (good with it)
3	Criteria is always met (LOVE it)

The answer is - use a **Pugh Chart** to evaluate your priorities. Remember, the higher the number the higher your priority. Think of the numbers this way

Coffee Example from class: When I woke up this morning, I realized that my coffee machine had broken. Thus, I needed to go buy coffee on my way to work. I used a Pugh Chart to show the best option.

Best place for Coffee	Starbucks	McDonalds	Gas Station
Cost	0	2	3
Taste	3	2	2
Strength of Caffeine	3	2	3
Wait Time	1	2	3
Total:	7	10	11

1. According to the Pugh Chart, where should your teacher get coffee?
2. Why would your teacher go to Starbucks instead (which criteria was most important to your teacher?)?

Characteristics of Vehicle	Vehicle #1:	Vehicle #2:	Vehicle #3:
	<ul style="list-style-type: none">• Green• 4 door sedan• 35 mil/gal• \$19,000	<ul style="list-style-type: none">• Silver• Truck• 15 mil/gal• \$7,000	<ul style="list-style-type: none">• Black• 2 door sports car• 20 mil/gal (MPG)• \$44,000
Color			
Type			
Gas Mileage			
Cost			
Total:			

Back to your car...there are 3 Vehicles available to you. Which should you buy? Fill in the Pugh chart (using the same numbers discussed at the top of this sheet) Note: This one is a bit tricky!

3. Which Vehicle does the Pugh chart suggest you get?

4. Would you have picked a different car? Why?