Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\*Indicates correct answer

Grinding Wheels Assignment

1. What is the most common type of grain type we will be using in the shop?
	1. AZ \*
	2. GC (explain how GC stands for Green Silicon Carbide and we are NOT cutting carbide \*DANGER\*)
2. What method of work holding are we going to use on the surface grinder?
	1. Magnetic Chuck\*
	2. Hands
	3. Clamps
	4. Vises
3. What shape (also referred to as profile) will all of our grinding wheels be
	1. Type 13 -Saucer
	2. Type 5 – Recessed one side
	3. Type 1 – Straight\*
	4. Type 20 – Relieved one side
4. A grinding wheel is a/an\_\_\_\_\_\_\_\_\_\_ type of cutting (abrasive)
5. When choosing a grinding wheel for grinding mild steel, what properties are you looking for in your grinding wheel? List as many as possible