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