

Roster Number: \_\_\_\_\_

## EML2322L Quiz 12 (11/12/19)

Answer the following questions based on the information presented in class. You can use **your** notes but do not speak with others.

Name: \_\_\_\_\_

Lab Period: **T5-6 / T7-8 / T9-10**  
(circle one) **W2-3 / W4-5 / W7-8 / W9-10**  
**R2-3 / R4-5 / R7-8 / R9-10**

**What is a waterjet used for? What about an abrasive water jet?**

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**List 8 more design mistakes that can cause us to look incompetent:**

**List seven advantages of the AWJ process:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_

**What are three disadvantage of AWJ cutting:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

**Modern AWJ machines generate water cutting pressures of 800 psi and cutting jet velocities approaching 200 mph?**

TRUE / FALSE

**List 10 common mistakes that can adversely affect productivity when working in student teams:**

**AWJ machines can cut at different speeds depending on the desired cut quality?**

TRUE / FALSE

**List four reasons why aluminum is a popular material choice:**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_