Remembering

1. Briefly and informally define the following terms:
   - Verification
   - Validation
   - Software metric
   - Defect
   - Failure
   - Defect classification

Understanding

2. What is said to be the difference between verification and validation? Give an example activity for each.

Analyzing

3. What is the relationship between a(n) {defect, error, fault, failure, problem} and a(n) {defect, error, fault, failure, problem}?

Evaluating

For the hypothetical failure sketched below:
(a) What is the defect?
(b) Of the two parties mentioned in the scenario, who would you say is most to blame for the failure?
(c) Justify your answer to the previous part. In particular, provide a paragraph describing what mistakes your blamed party made, and another paragraph describing how the mistakes of the other party were not as “egregious”.