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

1. How can you define the concept of quadrature as applied to integration?
2. Can you name the three general ideas to construct a quadrature?
3. List the quadrature rules you know.
4. What is the major difference between the Newton-Cotes quadrature and the Lagrange quadrature?
5. The two kinds of the Newton-Cotes quadrature are …
6. What is the essence of the Romberg method?
7. Adaptive quadrature is …