I. Use properties of integration and table integrals to find the following integrals:

1. .
2. .
3. .
4. .

II. Use integration by substitution to find the following integrals:

* 1. .
  2. .
  3. .
  4. .
  5. .
  6. .
  7. .

III. Use integration by parts to find the following integrals:

* 1. 
  2. .
  3. .
  4. 
  5. .
  6. 