## Calculus 112 Practice Problems

## Section 10.2 Problems #17-24

- 17. The general term can be written as  $x^n$  for  $n \ge 0$ .
- **18.** The general term can be written as  $(-1)^n x^n$  for  $n \ge 0$ .
- **19.** The general term can be written as  $-x^n/n$  for  $n \ge 1$ .
- **20.** The general term can be written as  $(-1)^{n-1}x^n/n$  for  $n \ge 1$ .
- **21.** The general term can be written as  $(-1)^k x^{2k+1}/(2k+1)!$  for  $k \ge 0$ .
- 22. The general term can be written as  $(-1)^k x^{2k+1}/(2k+1)$  for  $k \ge 0$ .
- 23. The general term can be written as  $x^{2k}/k!$  for  $k \ge 0$ .
- **24.** The general term can be written as  $(-1)^k x^{4k+2}/(2k)!$  for  $k \ge 0$ .