Exercise 2.87.

Install `=zero?` for polynomials in the generic arithmetic package. This will allow `adjoin-term` to work for polynomials with coefficients that are themselves polynomials.

Answer.

```
(define (install-polynomial-package)
  ;; internal procedures
  ...
  <other internal procedures>
  ...
  (define (=zero? p)
    (empty-termlist? (term-list p))

  ;; interface to the rest of the system
  ...
  <other interface procedures>
  ...
  (put '=zero? 'polynomial
       (lambda (p) (tag (=zero? p))))
  'done)
```