Pre-exercise.

```
(-89) \implies -1
(> 3.7 4.4) \implies #f
(- (if (> 3 4) 7 10) (/ 16 10)) \implies 42/5
(define b 13) \Longrightarrow b
13 ⇒ 13
b \implies 13
> \Rightarrow #[primitive-procedure X]
(\texttt{define square (lambda (x) (* x x)))} \Longrightarrow \texttt{square}
square => #[compound-procedure X]
(square 13) \Longrightarrow 169
(square b) \Longrightarrow 169
(square (square (/ b 1.3))) \Longrightarrow 10000
(define multiply-by-itself square) \Longrightarrow multiply-by-itself
(multiply-by-itself b) \implies 169
(define a b) \implies a
(= a b) \implies #t
(if (= (* b a) (square 13))
     (< a b)
     (- a b))
\Longrightarrow #f
(cond ((>= a 2) b)
       ((< (square b) (multiply-by-itself a)) (/ 1 0))</pre>
       (else (abs (- (square a) b))))
⇒ 13
```

1. It is unclear what the desired behavior of fold, spindle, and mutilate should be.

**2**.

3.

11. Their definition of Curried applications is not precise. It seems to include all applications of E, and thus a Curried application does not mean any different from ordinary applications.

```
(foo1 (sqrt 3)) \implies approximately 3
(foo2 6 2) \implies 3
((foo3 6) 2) \implies 3
(foo4 (lambda (y) y)) \implies 3
((foo5 1)) \implies 3
(foo6 (lambda (z) 3)) \implies 3
```