Drop the Barometer! $s = \frac{g}{2}t^2$

```
(define (fall-duration t h)
  (let ((g (make-cell)) (one-half (make-cell))
        (t^2 (make-cell)) (gt^2 (make-cell)))
    ((constant (make-interval 9.789 9.832)) g)
    ((constant (make-interval 1/2 1/2)) one-half)
    (c:square t t^2)
    (c:* g t^2 gt^2)
    (c:* one-half gt^2 h)))


(define fall-time (make-cell))
(define bldg-height (make-cell))
(fall-duration fall-time bldg-height)

(add-content fall-time (make-interval 2.9 3.1))

(content bldg-height)
=> #(interval 41.163 47.243)
```