MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Electrical Engineering and Computer Science
6.001 Structure and Interpretation of Computer Programs
Spring, 2007

Recitation 6, Wed. February 28

Data Abstraction Notes   Dr. Kimberle Koile

Main idea: hide implementation details

Example: primes

   representing an integer as the product of its prime factors

   40 = 2 * 2 * 2 * 5

What are possible representations?

Choose a representation and write get-number, which takes a factorization and returns the number that
was factored.

(define (get-number f)

)

What's the type of get-number?
   (Remember the arrow!)