

Date: \_\_\_\_\_

## Question 2

Frames

Objects

Global Frame

square 1  $\hookrightarrow$  function  
square 1(x)

square 2  $\hookrightarrow$  function  
square 2(x)

a  $\hookrightarrow$  16

b  $\hookrightarrow$  None

square 1

x  $\hookrightarrow$  4

Return  $\hookrightarrow$  16

Value

square 2

x  $\hookrightarrow$  4

Return  $\hookrightarrow$  None

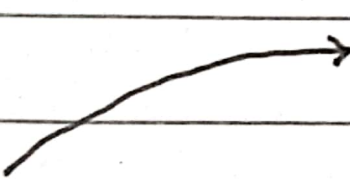
Value

### Question 3

Frames

Objects

Global Frame

summation L  function summation(n)  
result L 36

summation

n L 3

total L 0 L 1 L 4 L 36

k L 1 L 2 L 3 L 4

(1)

(2)

(3)

(4)

Return L 36

Value

## Question 4

Frames

Global Frame

$x \rightarrow 5$

square  $\rightarrow$

double  $\rightarrow$

Objects

function

square(x)

function

double(x)

~~double~~  
 $x \rightarrow 5$   
Return  $\rightarrow 10$   
Value

~~square~~

$x \rightarrow 6$

Return  $\rightarrow$

Value

①

~~double~~

$x \rightarrow 5$

Return  $\rightarrow$

②