

## FUNCTIONS AND VARIABLES

```
var fun = function(a, b) {  
  if (a > b) { return a * b; }  
  else { return a / b; }  
}
```

```
var r = fun(4, 2);
```

- A) 0.5                      D) 4  
B) 1                         E) 8  
C) 2

(Answer: E)

```
var one_oh_five = function(a) {  
  var t = 0;  
  for (var i = 0; i < a.length; i++) {  
    var x = a[i];  
    if (x < 10) { t += x; }  
    else if (x < 30) { t += x * 0.8; }  
    else { t += x * 0.5; }  
  }  
  return t;  
}
```

```
var r = one_oh_five([100, 10, 100]);
```

- A) 8                         D) 208  
B) 108                      E) 210  
C) 110

(Answer: C)