Peer Instruction 1

Elementary Programming

What will the code below assign to the value of the integer variable?

int myInteger = 11/5 + 44/12 + 11 % (3 + 6/4);
A. 9
B. 9.75
C. 10
D. 10.25
E. None of the above

What will the code below assign to the value of the integer variable?

int myInteger = 6 * 2 / 3 + 5 * 6 - 15 / 5;
A. 4
B. 16
C. 31
D. 47
E. None of the above

What is the size of a variable declared to be an int?

A. 8 bits
B. 16 bits
C. 32 bits
D. 64 bits
E. None of the above
What is the size of a variable declared to be an int?

A. 8 bits  
B. 16 bits  
C. 32 bits  
D. 64 bits  
E. None of the above.

Which of the statements below does not increment (and save) the declared integer?

```java
int myInteger = 0;
A. myInteger++;  
B. ++myInteger;  
C. myInteger = 1;  
D. myInteger += 1;  
E. myInteger = myInteger + 1;
```

Which of the following statements will not compile because of an incorrect type cast?

Select the one correct answer.

```java
A. int io = (char) 'k';  
B. int is = (int) 76.1234;  
C. int i2 = (short) 34;  
D. int i3 = (float) 3213;  
E. All of the above
```
Which of the statements below successfully prints the value of the variable?

double myDouble = 1.2345;
A. System.out.println("Value = "+myDouble);
B. System.out.println("Value = ",myDouble);
C. System.out.println("Value = "+myDouble);
D. System.out.println("Value = myDouble");
E. None of the above