

Method and Math Quiz | 2013

Given the following method headings:

```
void apples(int gala, float fuji, char jonagold)
float pear(boolean bosc)
char grape(String pinot, int бага)
int orange()
```

- 1) How many action methods are there? _____
- 2) How many information methods are there? _____
- 3) How many parameters are there total? _____
- 4) Give an example of how you would call each method in a program:
- 5) _____
- 6) How many of these methods have the word 'return' in them? _____

Given the following piece of code:

```
int num1 = 100; int num2 = 80; float f = 93.0;
float avg = (num1 + num2 + f)/3.0;
int bigger = min(f,70.0);
displayGrades(97,'A');
```

- 7) What is the value of avg when the code is complete? _____
- 8) How many parameters are there total? _____
- 9) Write the method heading for the min() method: _____
- 10) Write the method heading for the displayGrades() method: _____

Below write a method that will :

- 11) Draw a simple Dominoes pizza logo. This method will allow a user to select a size and location for the logo. The logo itself is made up of two red squares, side by side with a larger blue rectangle below them.

Name : _____ Date : _____

CALCULATIONS/MATH QUIZ 1A

DIRECTIONS : Fill in each blank with the correct answer/output. Assume each statement happens in order and that one statement may affect the next statement.

```
char cOne = 'a';
```

```
int iOne = 500;
```

```
double dOne = 100.5;
```

```
iOne = cOne + 2;  
System.out.println(iOne);
```

// LINE 1

1. _____

```
iOne= iOne / 2;  
System.out.println(iOne);
```

//LINE 2

2. _____

```
dOne= dOne + 10;  
System.out.println(dOne);
```

// LINE 3

3. _____

```
iOne= cOne + 5;  
System.out.println(iOne);
```

// LINE 4

4. _____

```
dOne= dOne / 2;  
System.out.println(dOne);
```

// LINE 5

5. _____

```
System.out.println(10 / 2);
```

// LINE 6

6. _____

```
System.out.println(10 % 3);
```

// LINE 7

7. _____

```
System.out.println(3 % 2);
```

// LINE 8

8. _____

```
System.out.println( 10+ 5 / 2);
```

// LINE 9

9. _____

```
System.out.println(2 % 3);
```

// LINE 10

10. _____