

Name: \_\_\_\_\_

### QUIZ 3

1. What is printed by the following program?

```
int main()
{
    int i;

    string word;

    word = "Hi-";

    for (i = 0; i < 4; i++)
    {
        cout << i << '.' << word << endl;
    }
    cout << "ENOUGH!";
    return 0;
}
```

2. How many times do the following loops execute?

a. 

```
for (count = 0; count < 1000; count++)
{
    cout << count;
}
```

b. 

```
int i = 10;

while (i < 20)
{
    cout << "again....";
    i += 5;
}
```

c. 

```
int i = 0;
```

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```
while (i < 100)
{
    cout << '-';
}
```

d. `int num;`

```
for (num = 6; num > 15; num++)
    cout << num;
```

e. `int i, j;`

```
for (i = 0; i < 4; i++)
    for (j = 0; j < 20; j++)
        cout << i << j << endl;
```

3. You do not have to write a complete program. Write code (either a for loop or a while loop) that prints out all odd numbers between 1 and 100.
  
  
  
  
  
  
  
  
  
  
4. Write code (not a complete program; use back of sheet) that prompts the user for two numbers. If the first is smaller than the second, print out all numbers between the first and the second. Otherwise, do nothing. For example, if the user puts in a 4 and a 7, the program will print out 4 5 6 7. As another example, if the user puts in a 8 and and a 2, the program will print out nothing.