

Iteration Worksheet

Name: _____

Period: _____ PC #: _____

Write down the output for the following code segment.

1.

```
for(int i=1; i<15; i=i+3)
{
    System.out.println(i);
}
```

2.

```
for(int j=11; j>-2; j=j-2)
{
    System.out.println(j);
}
```

3.

```
for(int x=20; x<40; x=x+3)
{
    System.out.println(x);
}
```

4.

```
for(int m=30; m>0; m=m-4)
{
    System.out.println(m);
}
```

5.

```
int total=0;
for(int s=1; s<15; s++)
{
    total=total+s;
} System.out.println(total);
```

6.

```
int x=1;
while(x<5)
{
    x++;
    System.out.print(x);
}
```

7.

```
int m=2, total=0;
while(m<6)
{
    total=total+m;
    m++;
}
System.out.print(total);
```

8.

```
int z=2, sum=0;
while(z<9)
{
    z++;
    sum=sum+z;
}
System.out.print(sum);
```

9.

```
for(int n=2; n<17; n++)
{
    if(n%5==2)
        System.out.print(n + " ");
}
```

10.

```
int k=3;
String s="";
while(k>-1)
{
    s=k+" "+s;
    k--;
}
System.out.print(s);
```