```python
initial = input("Enter initial count of bacteria: ")
hrs = input("Enter the number of hours: ")
initial = int(initial)
hrs = int(hrs)

print("The number of bacteria per hour will be: ")
print ("Hour 1 = " + str((initial * 12) + (hrs * 2)))
print ("Hour 2 = " + str((initial * 24) + (hrs * 4)))
print ("Hour 3 = " + str((initial * 36) + (hrs * 6)))
print ("Hour 4 = " + str((initial * 48) + (hrs * 8)))
print ("Hour 5 = " + str((initial * 60) + (hrs * 10)))
```

Shell

```
Enter initial count of bacteria: 5
Enter the number of hours: 2
The number of bacteria per hour will be:
Hour 1 = 64
Hour 2 = 128
Hour 3 = 192
Hour 4 = 256
Hour 5 = 320
>
```