Question 1:

public long factorial(long a) {

if(a <= 1) {

return 1;

}

return a \* factorial(a-1);

}

Is if(a <= 1) { return 1;} the base case?

True False

Question 2

public void draw() {

recurs(11);

}

void recurs(int count){

if (count == 0)

return;

else {

System.out.print(count + " ");

int recount = count - 2;

recurs(recount);

return;

}

}

Is 11 9 7 5 3 1 the output of the code above?

True False

Question 3:

public void draw() {

recurs(10);

}

void recurs(int count){

if (count == 0)

return;

else {

System.out.print(count + " ");

int recount = count - 2;

recurs(recount);

return;

}

}

Is 10 8 6 4 2 the output of the code above?

True False

Question 4:

public static void main(String[] args) {

System.out.println(equation(8));

}

public static int equation(int a) {

if(a <= 5) {

return 12;

}

return equation(a-2) \* equation(a-1);

}

Is 1728 the output for the code above?

True False