What will be the output of the code given below?

public class Tester {

public static void main(String[] args) {

int num1 = 28;

int num2 = 36;

int num3 = 0;

if (~(num2 / num1) < 0 && (num1 + num2) % 4 == 0) {

num1 = num1 + --num3;

}

if ((num2 / num1) > 1 || num3 == 0) {

num1 = num1 + num3++;

System.out.println(num1 + --num3);

} else {

System.out.println(num1 + --num3);

}

}

}

Answer: 25

What will be the output of the code given below?

class A {

public int var1;

public int var2;

public A(int value) {

this.var1 = value;

}

public int method1() {

return this.var2;

}

}

class B extends A {

public B() {

super(10);

}

public int method1(int value1) {

return this.var1;

}

}

class C extends B {

public C(int value1, int value2) {

super();

this.var2 = value2;

}

public void method1(int value1, int value2) {

this.var2 = super.method1(value1);

}

}

public class Tester {

public static void main(String args[]) {

C obj= new C(5, 20);

System.out.println(obj.method1(5) + obj.method1());

}

}

Ans: 30

What will be the output of the code given below?

public class Tester {

public static void main(String[] args) {

int num1 = -20;

int num2 = -30;

int num3 = 10;

int num4 = -40;

if (num1 + num2 >= num4) {

if (num4 < num3) {

if (num4 % num3 != 0) {

System.out.println(1);

} else {

System.out.println(2);

}

}

} else {

if (num2 / num1 > 0) {

if (num1 < num2 || num4 % num3 == 0) {

System.out.println(3);

} else {

System.out.println(4);

}

}

}

}

}

Ans: 3

What will be the output of the code given below?

public class Tester {

public static void main(String[] args) {

int sum = 0;

for (int i = 2; i < 8; i += 2) {

for (int j = 8; j > i; j -= 2) {

if (i >= j / 2) {

continue;

} else {

sum += i + j;

}

}

}

System.out.println("Sum = " + sum);

}

}

Ans: 18