**First Name\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Last Name\_\_\_\_\_\_\_\_\_\_\_\_\_**

**if Statements**

Write the output for the following code segments:

1. **int** a = 28;

**int** b = 47;

**int** c = 84;

**if**((a < 30) && (c >= 85)){

System.out.println("Hello");

}

**else{**

**if** ((b > 50) || (a > 25)){

System.out.println("Goodbye");

}

**else{**

System.out.println("I can't make up my mind!");

}

}

2. **boolean** one, two, three;

one = true;

two = false;

three = true;

**if** (!one || two){

System.out.println("Snow Boarding is great!");

}

**else{**

**if** (one && !three){

System.out.println("I'd rather ski");

}

**else{**

System.out.println("I prefer water sports");

}

}

3. **int** pocket = 5;

**int** bucksNeeded = 20;

**boolean** late = false;

**if** (late || (pocket < bucksNeeded)){

System.out.println("Let's go home");

}

**else{**

System.out.println("Let’s have some fun!");

}

4. **int** gel = 6; // hours worth of gel in hair

**int** hours = 5; // hours you need gel to last

**if** (gel < hours){

System.out.println("You need more gel.");

}

**else{**

System.out.println("Your spikes will last the party!");

}

**First Name\_\_\_\_\_\_\_\_\_\_\_\_\_**

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