

ANSWER KEY

Draw pictures of memory for the following Java code when the setupZoo method is called. (The lines I want are marked *this line*.)

```
public class GiraffeZoo{
    int numAnimals;
    Giraffe[] giraffes;
    WildApricotTree tree;
    // Fact: Giraffes like to eat the leaves off of wild apricot trees

    public void setupZoo() {
        numAnimals = 8; // this line
        giraffes = new Giraffe[numAnimals]; // this line
        giraffes[5] = new Giraffe(); // this line
        tree = new WildApricotTree(); // this line
    }
}
```

Hint: How many giraffes are actually in my zoo?

