Java Name –

Inheritance RC worksheet #1

Read the lecture materials &/or reading materials to thoroughly & accurately answer the following questions.

1. Why is inheritance beneficial?

read code

saves time

makes code easier for the coder

1. Is there a maximum limit to how many parent classes a class can have? If so, what is the limit?

1

3. What is static type and dynamic type?

Considering the Person, Student, and Freshman classes . Figure out which are parent and child classes

\_\_\_\_\_\_\_\_legal\_\_\_ 4. Person jane = new Freshman();

\_\_\_\_\_\_\_illegal\_\_\_\_\_\_\_\_ 5. Student joan = new Person();

\_\_\_\_\_\_\_illegal\_\_\_\_\_\_ 6. Freshman mary = new Person();

1. Draw a inheritance diagram for the above classes.

Person – Student - Freshman

1. True or False A child class can have one or more properties that do not exist in its parent class.

True

1. True or False A child class can have a property that uses the same exact name as a property in its parent class.

False