**Working with subclasses**

Like most of the new additions, there's a lot less setup code and it's a lot cleaner syntax to create a subclass using class, super, and extends.

Just remember that, under the hood, the same connections are made between functions and prototypes.

**super must be called before this**

In a subclass constructor function, before this can be used, a call to the super class must be made.

**class** **Apple** {}

**class** **GrannySmith** **extends** **Apple** {

constructor(tartnessLevel, energy) {

**this**.tartnessLevel = tartnessLevel; *// `this` before `super` will throw an error!*

**super**(energy);

}

}

**QUESTION 1 OF 2**

Take a look at the following code:

**class** **Toy** {}

**class** **Dragon** **extends** **Toy** {}

**const** dragon1 = **new** Dragon();

Given the code above, is the following statement true or false?

dragon1 **instanceof** Toy;

* true
* 

false

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**QUESTION 2 OF 2**

Let's say that a Toy class exists and that a Dragon class extends the Toy class.

What is the correct way to create a Toy object from inside the Dragon class's constructor method?

* super();
* 

super.call(this);

* 

parent();

* 

Toy();

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NEXT