Basi	Basic Assignments (OCA Objectives 2.1, 2.2, and 2.3)
	Literal integers are implicitly ints.
	Integer expressions always result in an int-sized result, never smaller
	Floating-point numbers are implicitly doubles (64 bits).
	Narrowing a primitive truncates the high order bits.
	Compound assignments (such as +=) perform an automatic cast.
	A reference variable holds the bits that are used to refer to an object.
	Reference variables can refer to subclasses of the declared type but not ro
	superclasses.
	When you create a new object, such as Button b = new Button();, the JVM does three things:
	☐ Makes a reference variable named b, of type Button.
	☐ Creares a new Button object
	Assigns the Button object to the reference variable b.
Jsing Jnas	Jsing a Variable or Array Element That Is Uninitialized and Jnassigned (OCA Objectives 4.1 and 4.2)
	When an atray of objects is instantiated, objects within the array are not in-
	stantiated automatically, but all the references get the default value of null.
	When an array of primitives is instantiated, elements get default values.
	Instance variables are always initialized with a default value.
	Local/automatic/method variables are never given a default value. If you at
	tempt to use one before initializing it, you'll get a compiler error.

## Passing Variables into Methods (OCA Objective 6.8)

You can ineligible ize an object for GC from within finalize ().
[] The garbage collector makes no guarantees; finalize() may never ton-
The finalize() method is guaranteed to run once and only once peroce are
The class object has a finalize () method.
☐ Request garbage collection with system.gc(); (for OCF) candidates outly
other.
<ul> <li>Islands of objects can be garbage collected, even though they refer to each</li> </ul>
Java applications can run out of memory
☐ To reach an object, you must have a live, reachable reference to that Notices
(1) An object is eligible when no live thread can reach it.
Objects must be considered eligible before they can be gainage concern.
2 You can't know the GC algorithm for sure.
☐ Only the JVM decides when to run the GC; you can only suggest it.
☐ The purpose of GC is to delete objects that can't be reached.
☐ In Java, garbage collection (GC) provides automated memory management.
Garbage Collection (OCA Objective 2.4)
name. This leads to hard-to-find bugs and hard-to-answer exam questions.
A reference argument is another copy of a reference to the original object.
☐ A primitive argument is an unattached copy of the original primitive.
objects).
☐ Method arguments are never actual objects (they can be references to
☐ Method arguments are always copies.
<ul> <li>Methods can take primitives and/or object references as arguments.</li> </ul>