1. a constant value that appears directly in a program

INCORRECT

constant

THE ANSWER

literal

1. Reserved words that have a specific meaning in java and cannot be used for variables

CORRECT

keyword

1. consists of a set of separate programs, each invoked from a command line, for developing and testing Java programs

CORRECT

Java Development Toolkit

1. ? : for if statement shorthand

CORRECT

conditional operator

1. a type

CORRECT

String

1. Variable

CORRECT

identifier

1. float

CORRECT

name of a type

1. ++

CORRECT

increment operator

1. Occurs when the user inputs a value the program cannot handle

INCORRECT

runtime error

THE ANSWER

input error

1. represents a computation involving values, variables, and operators that, taking them together, evaluates to a value

CORRECT

expression

1. Binary digits

CORRECT

Bit

1. a class name in the system library that contains different java functions

INCORRECT

source code/program

THE ANSWER

util

1. +, -, \*, /, %

CORRECT

operators

1. /\***XXXXXXXXXXXXX**\*/

CORRECT

Block Comment

1. an operation that converts a value of one data type into a value of another data type

INCORRECT

String

THE ANSWER

casting

1. !, &&, ||, ^

CORRECT

boolean operators

1. abstract is a

CORRECT

keyword

1. 3.14159E1

CORRECT

floating point/pi

1. a number in the program that never changes, denoted by "final"

CORRECT

constant

1. translates source code into machine code

CORRECT

interpreter

1. anything inside of a {xxxxxx}

INCORRECT

statement

THE ANSWER

Block

1. 075

CORRECT

octa integer

1. a very large int, more precise

CORRECT

long type

1. uses a short descriptive word to represent each of the machine-language instructions

CORRECT

Assembly Language

1. -- placed before variable. decreases variable by one, then uses it in the expression

CORRECT

predecrement

1. instructions for a high-level program

CORRECT

statement

1. An expression that evaluates a Boolean value to be true or false

CORRECT

Boolean Expression

1. do, else, and break

CORRECT

keywords

1. 4thQtrSales

CORRECT

illegal identifier

1. input, process, output - describes simple code

CORRECT

IPO

1. on a program denoted by //xxxxx or /\***xxxx**\*/

CORRECT

comment

1. casting from a small type to a larger type, this is done manually

INCORRECT

concatenate strings

THE ANSWER

widening (of types)

1. casting a data type from a large range to a smaller range - Java does this automatically

INCORRECT

operator precedence

THE ANSWER

narrowing (of types)

1. import statement

INCORRECT

wildcard import

THE ANSWER

preprocessor

1. a device used to translate assembly-language programs into machine code

CORRECT

Assembler

1. a high-level program's code

CORRECT

source code/program

1. denotes a value as a constant

CORRECT

final keyword

1. using the (+) sign to combine strings

CORRECT

concatenate strings

1. the amount of space between pixels, measured in millimeters

CORRECT

dot pitch

1. real numbers, decimal places, twice as precise as float

CORRECT

double type

1. method that is applied to objects of Scanner

CORRECT

nextDouble

1. ;

INCORRECT

selection statement

THE ANSWER

statement terminator

1. Similar to machine instructions, but can run on any platform with a JVM

CORRECT

Bytecode

1. an exact number, 1, 4 or 10

CORRECT

int type

1. ++ placed after variable. uses original variable in expression then increases by 1

CORRECT

postincrement

1. translates a Java source file into a Java bytecode file

CORRECT

compiler

1. errors that cause a program to terminate early, an impossible operation is detected

INCORRECT

input error

THE ANSWER

runtime error

1. checks the validity of a bytecode

CORRECT

bytecode verifier

1. var++, + and -, casting, !, \* / %, + - concaction, (See page 105)

CORRECT

operator precedence

1. represents a value stored in the computers memory

INCORRECT

Assembler

THE ANSWER

variable

1. int, real numbers, characters and booleans

CORRECT

primitive data type

1. statements that let you choose actions with alternative choices

INCORRECT

scope of a variable

THE ANSWER

selection statement

1. +=, -=, \*\*=, /= and %= (i+= 8 is i = i + 8)

CORRECT

Augmented assignment operators

1. -128 to 127

CORRECT

byte type

1. Evaluates an expression based on a condition (pg 103)

CORRECT

Conditional Expression ( ? :)

1. -names that refer to values or names - letters, digits, \_, and $.  
   -rules for creating a name in a program

CORRECT

identifier

1. import

CORRECT

directive

1. 8 bits to 1 byte

CORRECT

Byte

1. Numbers with a decimal point (var double)

CORRECT

floating-point number

1. If you try to store a value in a data type that cannot handle it.

CORRECT

overflow

1. Constant value directly in a program that stands for itself

INCORRECT

variable

THE ANSWER

Literal

1. \n

INCORRECT

statement terminator

THE ANSWER

escape character

1. escape sequence

CORRECT

\"

1. The part of a program where the variable can be referenced

CORRECT

scope of a variable

1. the kind of data stored in each variable

CORRECT

data type

1. using no breaks in a switch

INCORRECT

short circuit operator

THE ANSWER

fall-through behavior

1. when else matches with the most recent if statement

INCORRECT

Boolean Expression

THE ANSWER

dangling else ambiguity

1. determine the order in which operators are evaluated

CORRECT

operator associativity

1. <, <=, ==, !=, >, >=

INCORRECT

conditional operator

THE ANSWER

Relational Operators (Boolean)

1. Bool

CORRECT

variable name

1. denotes names

INCORRECT

Block

THE ANSWER

final

1. evaluates to the value to be assigned to a variable (=)

CORRECT

assignment statement

1. an environment for developing Java programs

CORRECT

Integrated development environment

1. scientific notation

INCORRECT

Boolean Value

THE ANSWER

Floating point

1. =

CORRECT

assignment operator

1. char

CORRECT

name of type

1. -- placed after variable. uses original variable in expression then decreases by 1

CORRECT

postdecrement

1. same as lazy operator - && or || (and, or)

CORRECT

short circuit operator

1. --

CORRECT

decrement operator

1. int

CORRECT

name of type

1. result from errors in code construction, such as misspellings, wrong punctuation, etc.

CORRECT

syntax error

1. can be true or false

CORRECT

Boolean Value

1. the values operated on by a operator

CORRECT

operands

1. A library in Java that contains predefined classes and interfaces

CORRECT

Application Program Interface ( API)

1. ++ placed before variable. increases variable by one, then uses it in the expression

CORRECT

preincrement

1. imports all the classes in a package by using a \* **(import java.util.**\*;)

CORRECT

wildcard import

1. occurs when a program does not perform the way it was intended to

INCORRECT

runtime error

THE ANSWER

logic error