Unit 24 Program design and computer languages

Name: _____

1 *Decide if the following words collocate with* code *or* language. *Choose the correct answer.*

1 low-level ○ code ○ language
2 machine ○ code ○ language
3 object ○ code ○ language
4 high-level ○ code ○ language
5 programming ○ code ○ language
6 markup ○ code ○ language
7 source ○ code ○ language
8 assembly ○ code ○ language

Now listen to the collocations and practise saying them.

2 *Complete the definitions from an online dictionary by typing in terms from Exercise 1. Then choose the correct verb forms from the drop-down menu.*

HELP?

1 _____ : general term for a formal language used _____ instructions that can _____ translated into machine language and then executed by a computer.

2 _____ : a set of instructions that a computer can _____ directly; it is expressed in binary code and is very difficult _____ .

3 _____ : a type of low-level language that uses abbreviations such as ADD, SUB and MPY _____ instructions; then translated into machine code using an assembler.

4 _____ : a language such as an assembly language, which does not _____ a compiler or interpreter.

5 _____ : developed _____ programs easier _____ ; for example, FORTRAN, BASIC, C and Java.

6 _____ : the original work of a programmer, which must _____ translated by a compiler.

7 _____ : instructions that a compiler _____ from source code written in a higher-level language, for example C++.

8 _____ : a language for _____ web documents.

3 *Complete these steps in the writing of a program by typing in the words from the box.*

debug	documentation	flowchart	problem	compile	instructions

1 Understand the _____ and plan a solution.
2 Make a _____ , which shows the steps of the program.
3 Write _____ in a programming language.
4 _____ the program – that is, turn it into machine code.
5 Test for errors and _____ the program.
6 Prepare _____ , for example the instruction manual.