

---

**FLORIDA HIGH SCHOOLS COMPUTING COMPETITION '80  
JUDGING CRITERIA**

- 1.1 INPUT: Enter number of terms: 9  
OUTPUT: 1 1 2 3 5 8 13 21 34
- INPUT: Enter number of terms: 3  
OUTPUT: 1 1 2
- 1.2 RUN PROGRAM: OUTPUT: (A symbol will flash on  
and off approximately  
every 10 seconds)
- 1.3 INPUT: Enter L, W: 10, 8 OUTPUT: 36  
INPUT: Enter L, W: 15, 6 OUTPUT: 42
- 1.4 INPUT: Enter C: 100 OUTPUT: 212  
INPUT: Enter C: 0 OUTPUT: 32
- 1.5 INPUT: Enter character: 5 OUTPUT: **NUMERAL**  
INPUT: Enter character: R OUTPUT: **NON-NUMERAL**  
INPUT: Enter character: 0 OUTPUT: **NUMERAL**
- 1.6 INPUT: Enter D, G: 200, 25 OUTPUT: 8  
INPUT: Enter D, G: 240, 15 OUTPUT: 16
- 1.7 INPUT: Enter number: 30 OUTPUT: **YES**  
INPUT: Enter number: 99 OUTPUT: **NO**
- 1.8 INPUT: Enter L, H: 3, 5 OUTPUT: 4  
INPUT: Enter L, H: 24, 25 OUTPUT: 7
- 1.9 RUN PROGRAM: OUTPUT: (A dot or blob will move  
across the screen)

- 2.1 INPUT: Enter number of #s: 5 OUTPUT: 9  
Enter #: -3  
Enter #: 0  
Enter #: -8  
Enter #: 9  
Enter #: 4
- 2.2 INPUT: Enter 4 sides: 4, 5, 6, 0 OUTPUT: **TRIANGLE**  
INPUT: Enter 4 sides: 3, 3, 3, 3 OUTPUT: **SQUARE**  
INPUT: Enter 4 sides: 2, 3, 2, 3 OUTPUT: **RECTANGLE**
- 2.3 RUN PROGRAM: OUTPUT: 1501500
- 2.4 INPUT: Enter number: 123 OUTPUT: 321  
INPUT: Enter number: 654 OUTPUT: 456
- 2.5 RUN PROGRAM: OUTPUT: (A rectangle  
will be drawn  
somewhere on  
the screen)
- 2.6 INPUT: Enter 3 numbers: 3, 6, 4 OUTPUT: 3 4 6  
INPUT: Enter 3 numbers: 7, -1, -8 OUTPUT: -8 -1 7
- 2.7 INPUT: Enter number of #s: 4 OUTPUT: 7  
Enter #: 5  
Enter #: 4  
Enter #: 9  
Enter #: 10
- 2.8 INPUT: Enter number: 6 OUTPUT: **EVEN**  
INPUT: Enter number: 27 OUTPUT: **ODD**

- 2.9 INPUT: Enter number: 7 OUTPUT: **YES**  
INPUT: Enter number: 189 OUTPUT: **NO**  
INPUT: Enter number: 83 OUTPUT: **YES**  
INPUT: Enter number: 169 OUTPUT: **NO**
- 2.10 INPUT: How many QUARTERS? 3 OUTPUT: **94 CENTS**  
How many DIMES? 1  
How many NICKELS? 1  
How many PENNIES? 4  
  
INPUT: How many QUARTERS? 1 OUTPUT: **53 CENTS**  
How many DIMES? 0  
How many NICKELS? 4  
How many PENNIES? 8
- 2.11 INPUT: Enter sentence: **A SENTENCE IS ENTERED.**  
OUTPUT: 6  
  
INPUT: Enter sentence: **THIS IS A SHORT ONE.**  
OUTPUT: 1

**3.1** INPUT: (Enter the product of two random numbers displayed)

First, enter the correct answer. OUTPUT: **RIGHT**

On next run enter an incorrect answer. OUTPUT: **WRONG**

On next run enter a correct answer. OUTPUT: **RIGHT**

**3.2** RUN PROGRAM TWICE: OUTPUT: (Digits 0-9 will appear in random order)

**3.3** INPUT: Enter number: **33** OUTPUT: **30**

INPUT: Enter number: **1098** OUTPUT: **1100**

INPUT: Enter number: **985** OUTPUT: **990**

**3.4** INPUT: Enter number: **83** OUTPUT: **1103**

INPUT: Enter number: **63** OUTPUT: **333**

**3.5** INPUT: Enter number: **122** OUTPUT: **17**

INPUT: Enter number: **21012** OUTPUT: **194**

**3.6** INPUT: Enter decimal: **.35** OUTPUT: **7/20**  
R or T: **T**

INPUT: Enter decimal: **.12** OUTPUT: **2/15**  
R or T: **R**

INPUT: Enter decimal: **.3** OUTPUT: **1/3**  
R or T: **R**

- 3.7 INPUT: Enter cents: 40 OUTPUT: 0 HALF  
1 QUARTER  
1 DIMES  
1 NICKELS  
0 PENNIES
- INPUT: Enter cents: 23 OUTPUT: 0 HALF  
0 QUARTER  
2 DIMES  
0 NICKELS  
3 PENNIES
- 3.8 INPUT: Enter guess: 5  
OUTPUT: TOO HIGH TOO LOW or RIGHT ON  
INPUT: Enter guess: (with the output information, continue  
to guess the secret random number [between 1 and 10]  
until output is RIGHT ON)
- RUN PROGRAM AGAIN:
- 3.9 RUN PROGRAM: OUTPUT: A=2 B=5 C=9 D=2
- 3.10 INPUT: Enter month, day: 6, 3 OUTPUT: TUE  
INPUT: Enter month, day: 12, 31 OUTPUT: WED
- 3.11 Press appropriate keys to simulate an "etch-a-sketch".  
Press keys to make it go up, right, down, and left.
- 3.12 INPUT: Enter word: CANNON OUTPUT: NOT PALINDROME  
INPUT: Enter word: ABBA OUTPUT: PALINDROME  
INPUT: Enter word: NUN OUTPUT: PALINDROME