

Do-While loops (indefinite post-test iteration, chapter 5)

Do NOT write on this test. Record all answers on the bubble sheet. **Closed book. No notes.** Work strictly from memory. **No calculators. No time limit. Scratch paper okay.**

How many times does the body of the loop execute? (Mark 9 if 9 or more.)

- 1/10p. `int b=7; do body; while(++b <= 11);`
- 2/10p. `int f=-4; do body; while(f++ > -9);`
- 3/10p. `int f=-4; do body; while(f-- >= -6);`
- 4/10p. `int t=-10; do body; while(t-- >= -10);`
- 5/10p. `int q=-7; do body; while(q-- >= -13);`
- 6/10p. `int h=9; do body; while(h-- > 2);`
- 7/10p. `int v=2; do body; while(--v != 1);`
- 8/10p. `int v=-8; do body; while(v-- != -8);`
- 9/10p. `int a=3; do body; while(++a < 6);`
- 10/10p. `int s=-10; do body; while(s-- != -16);`

Total points 100.

Answer Key (points per line)

1 (10).	5
2 (10).	9
3 (10).	4
4 (10).	2
5 (10).	8
6 (10).	8
7 (10).	1
8 (10).	1
9 (10).	3
10 (10).	7

Total points 100.