

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 r=7; do body; while(r++ >= 0);`

2/10p. `int t=-5; do body; while(--t > -10);`

3/10p. `int b=8; do body; while(++b != 16);`

4/10p. `int j=-6; do body; while(--j < 1);`

5/10p. `int b=3; do body; while(++b <= 8);`

6/10p. `int k=-4; do body; while(k++ != -1);`

7/10p. `int r=-5; do body; while(r-- != -7);`

8/10p. `int u=-4; do body; while(++u <= -3);`

9/10p. `int g=2; do body; while(g-- >= 3);`

10/10p. `int m=2; do body; while(--m != -4);`

Total points 100.

Answer Key (points per line)

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

Total points 100.