

For loops (definite iteration, chapter 6)

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 t; for(t=-8; t<-3; t++) body;`

2/10p. `int q; for(q=-10; q!=-15; --q) body;`

3/10p. `int w; for(w=5; w>2; w--) body;`

4/10p. `int s; for(s=8; s<9; s++) body;`

5/10p. `int y; for(y=-5; y<-2; y++) body;`

6/10p. `int r; for(r=2; r!=2; --r) body;`

7/10p. `int x; for(x=-4; x>=-9; x--) body;`

8/10p. `int n; for(n=10; n<10; ++n) body;`

9/10p. `int v; for(v=5; v>-2; ++v) body;`

10/10p. `int e; for(e=0; e<7; --e) body;`

Total points 100.

Answer Key (points per line)

1 (10).	5
2 (10).	5
3 (10).	3
4 (10).	1
5 (10).	3
6 (10).	0
7 (10).	6
8 (10).	0
9 (10).	9
10 (10).	9

Total points 100.