

**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 c; for( c=2; c>=-2; c-- ) body;`

2/10p. `int j; for( j=-7; j<-7; ++j ) body;`

3/10p. `int g; for( g=4; g<4; g++ ) body;`

4/10p. `int q; for( q=-7; q<=-5; q++ ) body;`

5/10p. `int e; for( e=3; e<=6; e-- ) body;`

6/10p. `int w; for( w=-7; w>-10; w-- ) body;`

7/10p. `int v; for( v=-6; v>-11; --v ) body;`

8/10p. `int h; for( h=-8; h!=-2; ++h ) body;`

9/10p. `int u; for( u=4; u<=7; u++ ) body;`

10/10p. `int r; for( r=-2; r!=-3; r-- ) body;`

Total points 100.

**Answer Key** (points per line)

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

Total points 100.