While loops (indefinite pre-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 u=2; while( --u > -2 ) body;`

2/10p.   `int h=-6; while( h++ <= -3 ) body;`

3/10p.   `int b=-6; while( ++b < -5 ) body;`

4/10p.   `int t=-6; while( --t > -9 ) body;`

5/10p.   `int m=-5; while( --m > -11 ) body;`

6/10p.   `int u=4; while( u++ <= 4 ) body;`

7/10p.   `int q=5; while( q-- >= -2 ) body;`

8/10p.   `int v=2; while( v-- != 9 ) body;`

9/10p.   `int k=-3; while( --k >= -7 ) body;`

10/10p.   `int b=6; while( --b > 3 ) body;`

Total points 100.

Answer Key (points per line)

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

Total points 100.