

Student: _____

It is okay to **write on test** (use it for scratch paper) but answers must be recorded on the bubble sheet for credit. **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.)

- 1/8p. `int e; for(e=-8; e>=-15; --e) body;`
- 2/8p. `int q=-1; do body; while(--q >= -2);`
- 3/8p. `int t=7; do body; while(t-- < 11);`
- 4/8p. `int p=-10; do body; while(p-- >= -9);`
- 5/8p. `int y=-10; do body; while(y-- != -11);`
- 6/8p. `int n=0; do body; while(n++ != 1);`
- 7/8p. `int x; for(x=-10; x!=-10; x++) body;`
- 8/8p. `int u=0; do body; while(--u != -4);`
- 9/8p. `int b; for(b=-7; b!=-12; --b) body;`
- 10/8p. `int n=-4; while(n-- != -6) body;`
- 11/8p. `int a=-3; do body; while(a-- >= -5);`
- 12/8p. `int a; for(a=7; a!=3; --a) body;`
- 13/8p. `int g=2; while(--g <= 6) body;`
- 14/8p. `int h=-1; while(--h > -6) body;`
- 15/8p. `int t=8; while(t-- <= 12) body;`
- 16/8p. `int m; for(m=8; m>8; --m) body;`
- 17/8p. `int t=-1; while(t-- < 5) body;`
- 18/8p. `int h=-2; do body; while(++h > -7);`
- 19/8p. `int f=8; while(f++ != 16) body;`
- 20/8p. `int j=7; while(++j <= 14) body;`
- 21/8p. `int b=6; while(b++ != 2) body;`
- 22/8p. `int f; for(f=1; f>-6; f--) body;`
- 23/8p. `int d; for(d=5; d>=3; --d) body;`
- 24/8p. `int m=3; do body; while(++m <= 3);`
- 25/8p. `int f=3; while(f++ < 4) body;`
- 26/8p. `int e=-3; do body; while(e++ <= -4);`
- 27/8p. `int f=-7; do body; while(++f < 1);`
- 28/8p. `int m; for(m=9; m>=3; --m) body;`
- 29/8p. `int h=7; while(++h <= 14) body;`
- 30/8p. `int h=-2; do body; while(++h < 0);`