

Precedence with Boolean operators (section 7.2)

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.**

Precedence: What is the value of each expression? Mark (I) for error, (J) for none of the above.

- 1/10p. $9 > 6 == 5 / 4 - 8$ (A) -42 (B) -23 (C) -8 (D) -1 (E) 0 (F) 1 (G) 70 (H) 84
- 2/10p. $6 * 0 > 1 < = 6 * 7$ (A) -87 (B) -68 (C) -42 (D) 1 (E) 6 (F) 7 (G) 42 (H) 87
- 3/10p. $7 - 2 < 3 < 1 * 8$ (A) -58 (B) -2 (C) 0 (D) 1 (E) 6 (F) 7 (G) 71 (H) 88
- 4/10p. $5 + 3 == 5 ! = 6 - 5$ (A) -5 (B) -4 (C) 0 (D) 1 (E) 6 (F) 76 (G) 80 (H) 93
- 5/10p. $6 / 6 ! = 7 \&\& 4 + 5$ (A) -57 (B) -41 (C) 0 (D) 1 (E) 6 (F) 11 (G) 34 (H) 97
- 6/10p. $8 - 3 ! = 6 < = 0 + 7$ (A) -29 (B) -27 (C) -12 (D) 1 (E) 7 (F) 8 (G) 15 (H) 28
- 7/10p. $7 + 2 < = 6 \&\& 1 - 3$ (A) -45 (B) -3 (C) -2 (D) 0 (E) 4 (F) 5 (G) 8 (H) 23
- 8/10p. $6 * 5 \&\& 1 \&\& 7 - 2$ (A) -72 (B) -28 (C) -6 (D) -1 (E) 1 (F) 4 (G) 6 (H) 9
- 9/10p. $9 > 9 > = 1 - 9 * 2$ (A) -79 (B) -54 (C) -50 (D) -18 (E) -17 (F) -16 (G) 2 (H) 9
- 10/10p. $9 ! = 8 > = 7 - 2 \% 3$ (A) -1 (B) 0 (C) 1 (D) 2 (E) 6 (F) 22 (G) 76 (H) 91

Total points 100.

Answer Key (points per line)

1 (10).	E (0)
2 (10).	D (1)
3 (10).	D (1)
4 (10).	D (1)
5 (10).	D (1)
6 (10).	D (1)
7 (10).	D (0)
8 (10).	E (1)
9 (10).	J (1)
10 (10).	C (1)

Total points 100.