

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.

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|--------|------------------|---------|---------|---------|---------|--------|--------|--------|--------|
| 1/1p. | $5*6<2!=4-7$ | (A) -99 | (B) -35 | (C) -30 | (D) -7 | (E) -6 | (F) 0 | (G) 1 | (H) 5 |
| 2/1p. | $8-1>8 4\%4$ | (A) -78 | (B) -68 | (C) 0 | (D) 3 | (E) 7 | (F) 8 | (G) 76 | (H) 85 |
| 3/1p. | $0\&\&5 3*7+5$ | (A) -23 | (B) -4 | (C) 0 | (D) 1 | (E) 5 | (F) 6 | (G) 73 | (H) 85 |
| 4/1p. | $9/8>4<=0+4$ | (A) -94 | (B) -18 | (C) 0 | (D) 1 | (E) 2 | (F) 4 | (G) 5 | (H) 13 |
| 5/1p. | $3-6==7>9-4$ | (A) -4 | (B) -1 | (C) 3 | (D) 7 | (E) 13 | (F) 30 | (G) 37 | (H) 67 |
| 6/1p. | $9/3 6==7+8$ | (A) -50 | (B) -29 | (C) -22 | (D) 0 | (E) 1 | (F) 8 | (G) 17 | (H) 71 |
| 7/1p. | $0-5>1==8-6$ | (A) -81 | (B) -7 | (C) -1 | (D) 0 | (E) 1 | (F) 5 | (G) 6 | (H) 91 |
| 8/1p. | $8-2<=4\&\&4+6$ | (A) 0 | (B) 1 | (C) 2 | (D) 5 | (E) 6 | (F) 7 | (G) 13 | (H) 14 |
| 9/1p. | $8+9+8==4>=7$ | (A) 0 | (B) 1 | (C) 5 | (D) 9 | (E) 17 | (F) 29 | (G) 75 | (H) 78 |
| 10/1p. | $4-1 9<=8-4$ | (A) -38 | (B) -35 | (C) -27 | (D) -3 | (E) -1 | (F) 1 | (G) 7 | (H) 14 |
| 11/1p. | $2-9-0>=8<=2$ | (A) -68 | (B) -60 | (C) -47 | (D) -8 | (E) 0 | (F) 1 | (G) 2 | (H) 20 |
| 12/1p. | $7+3<4<3/2$ | (A) -94 | (B) -27 | (C) 0 | (D) 1 | (E) 3 | (F) 4 | (G) 85 | (H) 93 |
| 13/1p. | $7*7 3 4-5$ | (A) -28 | (B) -26 | (C) -4 | (D) 1 | (E) 2 | (F) 29 | (G) 69 | (H) 88 |
| 14/1p. | $6/5!=3>=5+9$ | (A) -45 | (B) 0 | (C) 1 | (D) 6 | (E) 15 | (F) 75 | (G) 83 | (H) 85 |
| 15/1p. | $1-6!=8 9+9$ | (A) -75 | (B) -9 | (C) 1 | (D) 3 | (E) 6 | (F) 9 | (G) 10 | (H) 25 |
| 16/1p. | $9-5<=2!=7-8$ | (A) -11 | (B) -8 | (C) -7 | (D) 0 | (E) 8 | (F) 16 | (G) 17 | (H) 61 |
| 17/1p. | $7/4==8<3+8$ | (A) -95 | (B) -29 | (C) -23 | (D) 0 | (E) 1 | (F) 7 | (G) 8 | (H) 15 |
| 18/1p. | $6*2>=9 0+5$ | (A) -1 | (B) 0 | (C) 1 | (D) 5 | (E) 11 | (F) 30 | (G) 36 | (H) 80 |
| 19/1p. | $2>=3\&\&4-5\%9$ | (A) -89 | (B) -84 | (C) -76 | (D) -54 | (E) -5 | (F) 0 | (G) 1 | (H) 5 |
| 20/1p. | $4==6<=9-8\%3$ | (A) -78 | (B) -18 | (C) -2 | (D) -1 | (E) 0 | (F) 1 | (G) 34 | (H) 97 |

Total points 20.

Answer Key (points per line)

1 (1).	G (1)
2 (1).	C (0)
3 (1).	D (1)
4 (1).	D (1)
5 (1).	J (0)
6 (1).	E (1)
7 (1).	D (0)
8 (1).	A (0)
9 (1).	A (0)
10 (1).	F (1)
11 (1).	F (1)
12 (1).	D (1)
13 (1).	D (1)
14 (1).	C (1)
15 (1).	C (1)
16 (1).	J (1)
17 (1).	E (1)
18 (1).	C (1)
19 (1).	F (0)
20 (1).	E (0)

Total points 20.