

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. | $4*8>=4 3+2$ | (A) -58 | (B) 1 | (C) 3 | (D) 6 | (E) 12 | (F) 22 | (G) 62 | (H) 76 |
| 2/1p. | $8/4!=6!=2*2$ | (A) -75 | (B) -35 | (C) -19 | (D) 1 | (E) 2 | (F) 4 | (G) 8 | (H) 16 |
| 3/1p. | $0\&\&0!=4*6+2$ | (A) -42 | (B) 1 | (C) 2 | (D) 3 | (E) 8 | (F) 72 | (G) 89 | (H) 98 |
| 4/1p. | $9+0<=6 3+4$ | (A) -31 | (B) -14 | (C) 0 | (D) 1 | (E) 4 | (F) 5 | (G) 10 | (H) 42 |
| 5/1p. | $5+8==8 4-4$ | (A) -4 | (B) -3 | (C) 0 | (D) 1 | (E) 2 | (F) 6 | (G) 48 | (H) 62 |
| 6/1p. | $6\%9>8\&\&7-6$ | (A) -6 | (B) -5 | (C) -4 | (D) 0 | (E) 1 | (F) 45 | (G) 66 | (H) 68 |
| 7/1p. | $4+7\&\&2\&\&2*7$ | (A) -83 | (B) 1 | (C) 5 | (D) 7 | (E) 11 | (F) 15 | (G) 35 | (H) 94 |
| 8/1p. | $7/1+3 3<3$ | (A) -44 | (B) -18 | (C) -2 | (D) 0 | (E) 1 | (F) 3 | (G) 7 | (H) 8 |
| 9/1p. | $2*3!=7<9+5$ | (A) -51 | (B) -50 | (C) 0 | (D) 2 | (E) 6 | (F) 7 | (G) 12 | (H) 15 |
| 10/1p. | $8/4\&\&3>=7-9$ | (A) -54 | (B) -42 | (C) -39 | (D) -9 | (E) -1 | (F) 1 | (G) 8 | (H) 68 |
| 11/1p. | $2-8>=9<0+9$ | (A) -8 | (B) 0 | (C) 1 | (D) 2 | (E) 9 | (F) 10 | (G) 36 | (H) 45 |
| 12/1p. | $3-5<2>0-9$ | (A) -8 | (B) -6 | (C) 0 | (D) 3 | (E) 12 | (F) 21 | (G) 74 | (H) 83 |
| 13/1p. | $3-5-5<=5\&\&3$ | (A) -96 | (B) -3 | (C) -2 | (D) -1 | (E) 0 | (F) 1 | (G) 2 | (H) 10 |
| 14/1p. | $4<=1>3+6+3$ | (A) -49 | (B) -31 | (C) 1 | (D) 3 | (E) 4 | (F) 9 | (G) 25 | (H) 27 |
| 15/1p. | $5/8>0 5-7$ | (A) -34 | (B) -15 | (C) -7 | (D) -2 | (E) -1 | (F) 0 | (G) 1 | (H) 5 |
| 16/1p. | $8*0<5<3-9$ | (A) -72 | (B) -69 | (C) -64 | (D) -9 | (E) -8 | (F) -1 | (G) 0 | (H) 15 |
| 17/1p. | $6-3-6<5==4$ | (A) -77 | (B) -43 | (C) -30 | (D) 0 | (E) 1 | (F) 3 | (G) 5 | (H) 6 |
| 18/1p. | $7+0==5!=9*6$ | (A) 0 | (B) 6 | (C) 7 | (D) 13 | (E) 42 | (F) 48 | (G) 78 | (H) 99 |
| 19/1p. | $6\%9>=9<=4+7$ | (A) -66 | (B) -10 | (C) 0 | (D) 1 | (E) 3 | (F) 7 | (G) 8 | (H) 26 |
| 20/1p. | $7\&\&7==1+8*3$ | (A) -42 | (B) 0 | (C) 3 | (D) 25 | (E) 27 | (F) 58 | (G) 78 | (H) 88 |

Total points 20.

Answer Key (points per line)

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

Total points 20.