

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. | $6 > 5 == 4 * 9 + 8$ | (A) -92 | (B) -69 | (C) 0 | (D) 9 | (E) 17 | (F) 61 | (G) 63 | (H) 68 |
| 2/1p. | $0 - 9 + 8 > = 8 \&\& 8$ | (A) -21 | (B) -10 | (C) -8 | (D) -1 | (E) 0 | (F) 1 | (G) 10 | (H) 93 |
| 3/1p. | $5 \&\& 9 > = 5 + 6 + 3$ | (A) -34 | (B) 0 | (C) 1 | (D) 3 | (E) 4 | (F) 18 | (G) 38 | (H) 54 |
| 4/1p. | $1 1 == 5 + 2 * 7$ | (A) -52 | (B) -39 | (C) 0 | (D) 1 | (E) 7 | (F) 15 | (G) 21 | (H) 72 |
| 5/1p. | $7 + 9 + 0 == 8 > 6$ | (A) -91 | (B) -47 | (C) -44 | (D) -3 | (E) 0 | (F) 1 | (G) 7 | (H) 16 |
| 6/1p. | $1 > = 8 9 + 2 * 8$ | (A) -62 | (B) -57 | (C) -3 | (D) 0 | (E) 8 | (F) 17 | (G) 44 | (H) 57 |
| 7/1p. | $4 \% 5 > 5 < 0 + 5$ | (A) -98 | (B) -50 | (C) 0 | (D) 1 | (E) 4 | (F) 5 | (G) 6 | (H) 36 |
| 8/1p. | $8 > = 2 < 7 / 2 - 8$ | (A) -79 | (B) -8 | (C) -7 | (D) -2 | (E) -1 | (F) 0 | (G) 25 | (H) 30 |
| 9/1p. | $6 < = 5 < 4 - 1 * 7$ | (A) -82 | (B) -6 | (C) 0 | (D) 1 | (E) 48 | (F) 53 | (G) 75 | (H) 82 |
| 10/1p. | $6 - 2 + 5 > = 9 > 4$ | (A) -17 | (B) 0 | (C) 3 | (D) 4 | (E) 5 | (F) 6 | (G) 14 | (H) 49 |
| 11/1p. | $3 - 7 4 < = 2 - 3$ | (A) -82 | (B) -1 | (C) 1 | (D) 2 | (E) 3 | (F) 5 | (G) 78 | (H) 92 |
| 12/1p. | $9 + 7 > 5 < = 6 * 7$ | (A) -51 | (B) -16 | (C) 0 | (D) 1 | (E) 7 | (F) 9 | (G) 16 | (H) 70 |
| 13/1p. | $8 \% 6 < 5 < 9 - 3$ | (A) -62 | (B) -6 | (C) -3 | (D) -2 | (E) 1 | (F) 48 | (G) 58 | (H) 75 |
| 14/1p. | $3 / 1 > 5 \&\& 0 * 7$ | (A) -84 | (B) -77 | (C) 0 | (D) 1 | (E) 3 | (F) 7 | (G) 10 | (H) 44 |
| 15/1p. | $6 - 5 > 5 > 3 - 7$ | (A) -7 | (B) -6 | (C) -1 | (D) 0 | (E) 1 | (F) 12 | (G) 13 | (H) 33 |
| 16/1p. | $8 - 1 < 5 == 5 - 3$ | (A) -52 | (B) -27 | (C) -3 | (D) 5 | (E) 8 | (F) 9 | (G) 11 | (H) 47 |
| 17/1p. | $6 * 2 != 2 6 + 4$ | (A) -95 | (B) -50 | (C) 1 | (D) 6 | (E) 10 | (F) 14 | (G) 30 | (H) 49 |
| 18/1p. | $2 / 5 == 6 < 8 * 9$ | (A) -51 | (B) -49 | (C) 0 | (D) 2 | (E) 9 | (F) 18 | (G) 38 | (H) 54 |
| 19/1p. | $6 / 9 \&\& 8 < 7 + 3$ | (A) -39 | (B) -28 | (C) 0 | (D) 1 | (E) 2 | (F) 3 | (G) 4 | (H) 6 |
| 20/1p. | $7 * 8 4 > = 6 + 7$ | (A) 0 | (B) 1 | (C) 7 | (D) 10 | (E) 14 | (F) 38 | (G) 56 | (H) 98 |

Total points 20.

Answer Key (points per line)

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

Total points 20.