

Mixed Precedence

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. | $8/4/4-7-8$ | (A) -15 | (B) -12 | (C) -10 | (D) -9 | (E) -1 | (F) 0 | (G) 1 | (H) 4 |
| 2/1p. | $7/2!=3>=9+3$ | (A) -77 | (B) 0 | (C) 1 | (D) 2 | (E) 3 | (F) 7 | (G) 10 | (H) 19 |
| 3/1p. | $4-9+7-2-9$ | (A) -92 | (B) -64 | (C) -23 | (D) -5 | (E) -1 | (F) 9 | (G) 17 | (H) 38 |
| 4/1p. | $4*9-0/2\%8$ | (A) -85 | (B) -61 | (C) -47 | (D) 0 | (E) 2 | (F) 4 | (G) 16 | (H) 18 |
| 5/1p. | $8+3/0+7\%5$ | (A) -87 | (B) 1 | (C) 3 | (D) 5 | (E) 8 | (F) 9 | (G) 19 | (H) 52 |
| 6/1p. | $8+1-4+4\%3$ | (A) -64 | (B) 0 | (C) 1 | (D) 4 | (E) 6 | (F) 7 | (G) 9 | (H) 10 |
| 7/1p. | $3-6>2<=8+6$ | (A) -84 | (B) -82 | (C) -4 | (D) 0 | (E) 1 | (F) 6 | (G) 7 | (H) 8 |
| 8/1p. | $8\%5*4-1+6$ | (A) -9 | (B) -7 | (C) 1 | (D) 5 | (E) 8 | (F) 13 | (G) 17 | (H) 27 |
| 9/1p. | $9-2<9>=7*9$ | (A) -7 | (B) 0 | (C) 1 | (D) 8 | (E) 9 | (F) 20 | (G) 25 | (H) 81 |
| 10/1p. | $3-9\%8\%4-9$ | (A) -53 | (B) -7 | (C) -6 | (D) 0 | (E) 3 | (F) 4 | (G) 7 | (H) 48 |
| 11/1p. | $1+6\%9\%2-9$ | (A) -91 | (B) -64 | (C) -60 | (D) -22 | (E) -9 | (F) -8 | (G) -3 | (H) 0 |
| 12/1p. | $7/3>9<4*9$ | (A) -56 | (B) -15 | (C) 0 | (D) 9 | (E) 13 | (F) 36 | (G) 63 | (H) 74 |
| 13/1p. | $8*5<9!=5-4$ | (A) -81 | (B) -32 | (C) -24 | (D) -4 | (E) -3 | (F) 0 | (G) 4 | (H) 78 |
| 14/1p. | $2+3>=0 2+9$ | (A) -67 | (B) -26 | (C) 0 | (D) 1 | (E) 2 | (F) 10 | (G) 12 | (H) 34 |
| 15/1p. | $6+3*5\%4+1$ | (A) 0 | (B) 1 | (C) 10 | (D) 12 | (E) 18 | (F) 24 | (G) 58 | (H) 89 |
| 16/1p. | $9+7-1 4<0$ | (A) -70 | (B) -42 | (C) 0 | (D) 1 | (E) 10 | (F) 14 | (G) 15 | (H) 74 |
| 17/1p. | $8-6-9<0<=0$ | (A) -84 | (B) -29 | (C) 0 | (D) 1 | (E) 2 | (F) 3 | (G) 7 | (H) 8 |
| 18/1p. | $4-1\%9/1*6$ | (A) -96 | (B) -75 | (C) -67 | (D) 0 | (E) 3 | (F) 4 | (G) 18 | (H) 91 |
| 19/1p. | $4-8/2\%9+5$ | (A) -5 | (B) -2 | (C) -1 | (D) 0 | (E) 5 | (F) 12 | (G) 46 | (H) 77 |
| 20/1p. | $5+7+4\&\&7<8$ | (A) -99 | (B) -92 | (C) -56 | (D) -55 | (E) 0 | (F) 1 | (G) 6 | (H) 13 |

Total points 20.

Answer Key (points per line)

1 (1).	A (-15)
2 (1).	C (1)
3 (1).	J (-9)
4 (1).	J (36)
5 (1).	I (error)
6 (1).	E (6)
7 (1).	E (1)
8 (1).	G (17)
9 (1).	B (0)
10 (1).	B (-7)
11 (1).	F (-8)
12 (1).	J (1)
13 (1).	J (1)
14 (1).	D (1)
15 (1).	C (10)
16 (1).	D (1)
17 (1).	C (0)
18 (1).	J (-2)
19 (1).	E (5)
20 (1).	F (1)

Total points 20.