

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.

- | | | | | | | | | | |
|--------|-----------------|---------|---------|---------|---------|---------|---------|--------|--------|
| 1/1p. | $7+3/7-9*9$ | (A) -74 | (B) -72 | (C) -45 | (D) -18 | (E) -11 | (F) -1 | (G) 6 | (H) 53 |
| 2/1p. | $6*7-0==0<=7$ | (A) -64 | (B) 0 | (C) 21 | (D) 36 | (E) 41 | (F) 42 | (G) 65 | (H) 69 |
| 3/1p. | $9+7*6>=4<=5$ | (A) -92 | (B) -78 | (C) 0 | (D) 1 | (E) 9 | (F) 10 | (G) 16 | (H) 52 |
| 4/1p. | $9/6+5/5-5$ | (A) -86 | (B) -12 | (C) -5 | (D) -4 | (E) -3 | (F) -1 | (G) 4 | (H) 55 |
| 5/1p. | $1/4-5\%9+3$ | (A) -97 | (B) -8 | (C) -5 | (D) -2 | (E) -1 | (F) 0 | (G) 2 | (H) 7 |
| 6/1p. | $8/7/6*4+6$ | (A) -88 | (B) -17 | (C) 0 | (D) 1 | (E) 6 | (F) 38 | (G) 48 | (H) 80 |
| 7/1p. | $2+5-7*7+7$ | (A) -91 | (B) -87 | (C) -83 | (D) -63 | (E) -49 | (F) -35 | (G) -5 | (H) 0 |
| 8/1p. | $6+2/6-5-1$ | (A) -68 | (B) -31 | (C) -3 | (D) 0 | (E) 2 | (F) 7 | (G) 47 | (H) 71 |
| 9/1p. | $6+8-9-6/6$ | (A) -38 | (B) -37 | (C) -25 | (D) -1 | (E) 4 | (F) 6 | (G) 60 | (H) 82 |
| 10/1p. | $2-5/6-8-5$ | (A) -14 | (B) -11 | (C) -4 | (D) 1 | (E) 3 | (F) 5 | (G) 10 | (H) 15 |
| 11/1p. | $9\%9>=3>=4+5$ | (A) -92 | (B) -85 | (C) -23 | (D) -11 | (E) 0 | (F) 3 | (G) 5 | (H) 6 |
| 12/1p. | $6*3\&\&2==6-9$ | (A) -72 | (B) -70 | (C) -54 | (D) -9 | (E) -8 | (F) 0 | (G) 1 | (H) 64 |
| 13/1p. | $9-1+0*4+1$ | (A) 4 | (B) 7 | (C) 8 | (D) 33 | (E) 40 | (F) 60 | (G) 82 | (H) 86 |
| 14/1p. | $9-3\&\&8>9/3$ | (A) -92 | (B) -80 | (C) -55 | (D) -15 | (E) -11 | (F) 1 | (G) 3 | (H) 8 |
| 15/1p. | $1-9-3-3/8$ | (A) -96 | (B) -16 | (C) -11 | (D) -5 | (E) -2 | (F) -1 | (G) 0 | (H) 1 |
| 16/1p. | $8-5/8\%8-3$ | (A) -3 | (B) -1 | (C) 1 | (D) 3 | (E) 5 | (F) 8 | (G) 10 | (H) 11 |
| 17/1p. | $8/4>3\&\&9*9$ | (A) -82 | (B) -9 | (C) 0 | (D) 3 | (E) 7 | (F) 8 | (G) 9 | (H) 64 |
| 18/1p. | $7\&\&1>=6-4-5$ | (A) -64 | (B) -39 | (C) -9 | (D) -5 | (E) 0 | (F) 1 | (G) 33 | (H) 56 |
| 19/1p. | $2+7+5!=1<4$ | (A) -87 | (B) -58 | (C) -51 | (D) 0 | (E) 1 | (F) 2 | (G) 3 | (H) 88 |
| 20/1p. | $2/8\&\&0!=8+5$ | (A) -19 | (B) -10 | (C) 0 | (D) 1 | (E) 2 | (F) 5 | (G) 6 | (H) 7 |
| 21/1p. | $8/7<=9!=0-7$ | (A) -99 | (B) -6 | (C) -2 | (D) 0 | (E) 1 | (F) 68 | (G) 87 | (H) 98 |
| 22/1p. | $3\%6+7\%2*8$ | (A) -84 | (B) -72 | (C) 0 | (D) 3 | (E) 8 | (F) 10 | (G) 11 | (H) 24 |
| 23/1p. | $5/3>=1<7+6$ | (A) -91 | (B) -30 | (C) 0 | (D) 1 | (E) 7 | (F) 11 | (G) 21 | (H) 80 |
| 24/1p. | $5/5*3/5-9$ | (A) -70 | (B) -12 | (C) -9 | (D) -8 | (E) -2 | (F) 0 | (G) 41 | (H) 95 |
| 25/1p. | $9+8+6\%9/2$ | (A) -47 | (B) 2 | (C) 3 | (D) 7 | (E) 11 | (F) 16 | (G) 19 | (H) 99 |

Total points 25.

Answer Key (points per line)

1 (1).	A (-74)
2 (1).	B (0)
3 (1).	D (1)
4 (1).	E (-3)
5 (1).	D (-2)
6 (1).	E (6)
7 (1).	F (-35)
8 (1).	D (0)
9 (1).	E (4)
10 (1).	B (-11)
11 (1).	E (0)
12 (1).	F (0)
13 (1).	J (9)
14 (1).	F (1)
15 (1).	C (-11)
16 (1).	E (5)
17 (1).	C (0)
18 (1).	F (1)
19 (1).	E (1)
20 (1).	C (0)
21 (1).	E (1)
22 (1).	G (11)
23 (1).	D (1)
24 (1).	C (-9)
25 (1).	J (20)

Total points 25.