

Precedence + - * / %

Do NOT write on this test. Record all answers on the bubble sheet. **Closed book. No notes.** Work strictly from memory. No time limit.

Precedence: What is the value of each expression? Mark (I) for error, (J) for none of the above.

| | | | | | | | | | |
|--------|----------------|---------|---------|---------|---------|---------|--------|--------|--------|
| 1/1p. | $6\%1*1/1-6$ | (A) -72 | (B) -36 | (C) -25 | (D) -6 | (E) -4 | (F) 0 | (G) 14 | (H) 23 |
| 2/1p. | $6\%2-9/6\%6$ | (A) -82 | (B) -1 | (C) 0 | (D) 2 | (E) 4 | (F) 21 | (G) 62 | (H) 63 |
| 3/1p. | $2\%7+1\%4-3$ | (A) -85 | (B) -78 | (C) -1 | (D) 0 | (E) 2 | (F) 6 | (G) 67 | (H) 91 |
| 4/1p. | $4+9+1-4/4$ | (A) -86 | (B) -30 | (C) -11 | (D) 2 | (E) 5 | (F) 12 | (G) 13 | (H) 78 |
| 5/1p. | $4\%4-9\%4\%9$ | (A) -97 | (B) -72 | (C) -60 | (D) -26 | (E) -1 | (F) 1 | (G) 3 | (H) 85 |
| 6/1p. | $3-5+4-5+3$ | (A) -14 | (B) -8 | (C) -6 | (D) 0 | (E) 2 | (F) 13 | (G) 80 | (H) 96 |
| 7/1p. | $3*7/2*7/6$ | (A) -39 | (B) -38 | (C) 0 | (D) 4 | (E) 10 | (F) 36 | (G) 53 | (H) 76 |
| 8/1p. | $8-8*9-5\%5$ | (A) -82 | (B) -75 | (C) -64 | (D) -24 | (E) -6 | (F) 0 | (G) 1 | (H) 6 |
| 9/1p. | $1/2-9+1*2$ | (A) -54 | (B) -24 | (C) -20 | (D) -16 | (E) -11 | (F) -7 | (G) -1 | (H) 0 |
| 10/1p. | $3-0+5\%2-9$ | (A) -67 | (B) -9 | (C) -7 | (D) -5 | (E) -2 | (F) 1 | (G) 5 | (H) 11 |
| 11/1p. | $8*8/6/9-4$ | (A) -14 | (B) -4 | (C) -3 | (D) 0 | (E) 1 | (F) 2 | (G) 23 | (H) 64 |
| 12/1p. | $6-0+7+5\%3$ | (A) -75 | (B) -3 | (C) 0 | (D) 1 | (E) 15 | (F) 28 | (G) 35 | (H) 70 |
| 13/1p. | $7-6-2/9+1$ | (A) -1 | (B) 0 | (C) 1 | (D) 2 | (E) 6 | (F) 8 | (G) 20 | (H) 41 |
| 14/1p. | $3/2*9-3+6$ | (A) -49 | (B) -9 | (C) 0 | (D) 3 | (E) 12 | (F) 42 | (G) 46 | (H) 48 |
| 15/1p. | $3\%3*5/2+6$ | (A) -95 | (B) -51 | (C) -27 | (D) -11 | (E) 0 | (F) 7 | (G) 9 | (H) 52 |
| 16/1p. | $2-4\%6*3/9$ | (A) -67 | (B) -21 | (C) -2 | (D) -1 | (E) 0 | (F) 1 | (G) 15 | (H) 68 |
| 17/1p. | $1-5\%7\%3+0$ | (A) -63 | (B) -54 | (C) -24 | (D) -1 | (E) 0 | (F) 53 | (G) 69 | (H) 75 |
| 18/1p. | $7-2-8+8\%2$ | (A) -77 | (B) -19 | (C) -3 | (D) 1 | (E) 5 | (F) 7 | (G) 13 | (H) 38 |
| 19/1p. | $7+8/6/3*7$ | (A) -7 | (B) 0 | (C) 1 | (D) 7 | (E) 14 | (F) 21 | (G) 26 | (H) 77 |
| 20/1p. | $6+8-2*6/3$ | (A) -50 | (B) -5 | (C) 0 | (D) 4 | (E) 14 | (F) 18 | (G) 24 | (H) 37 |
| 21/1p. | $9+3/5/2/2$ | (A) 0 | (B) 2 | (C) 3 | (D) 4 | (E) 5 | (F) 9 | (G) 35 | (H) 93 |
| 22/1p. | $7/1+9/3-1$ | (A) -1 | (B) 0 | (C) 1 | (D) 2 | (E) 3 | (F) 4 | (G) 11 | (H) 94 |
| 23/1p. | $0/3+8-1-4$ | (A) -82 | (B) -76 | (C) -20 | (D) -7 | (E) -4 | (F) 0 | (G) 3 | (H) 11 |
| 24/1p. | $8+3\%4-0*8$ | (A) -98 | (B) -96 | (C) 3 | (D) 11 | (E) 24 | (F) 32 | (G) 62 | (H) 88 |
| 25/1p. | $2*4-3+6+0$ | (A) -41 | (B) -28 | (C) -10 | (D) -1 | (E) 8 | (F) 11 | (G) 14 | (H) 53 |

Total points 25.

Answer Key (points per line)

| | |
|---------|---------|
| 1 (1). | D (-6) |
| 2 (1). | B (-1) |
| 3 (1). | D (0) |
| 4 (1). | G (13) |
| 5 (1). | E (-1) |
| 6 (1). | D (0) |
| 7 (1). | J (11) |
| 8 (1). | C (-64) |
| 9 (1). | F (-7) |
| 10 (1). | D (-5) |
| 11 (1). | C (-3) |
| 12 (1). | E (15) |
| 13 (1). | D (2) |
| 14 (1). | E (12) |
| 15 (1). | J (6) |
| 16 (1). | F (1) |
| 17 (1). | D (-1) |
| 18 (1). | C (-3) |
| 19 (1). | D (7) |
| 20 (1). | J (10) |
| 21 (1). | F (9) |
| 22 (1). | J (9) |
| 23 (1). | G (3) |
| 24 (1). | D (11) |
| 25 (1). | F (11) |

Total points 25.