

Precedence + - * / % (chapter 4)

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. | $5+2\%4*5+9$ | (A) -85 | (B) -60 | (C) 7 | (D) 16 | (E) 42 | (F) 44 | (G) 75 | (H) 98 |
| 2/1p. | $7+6+9\%8+3$ | (A) -63 | (B) 0 | (C) 9 | (D) 16 | (E) 17 | (F) 22 | (G) 38 | (H) 67 |
| 3/1p. | $5/6\%7-6+7$ | (A) -87 | (B) -41 | (C) -27 | (D) -13 | (E) -1 | (F) 7 | (G) 50 | (H) 57 |
| 4/1p. | $5+2/3-6/5$ | (A) -92 | (B) -27 | (C) -7 | (D) -1 | (E) 3 | (F) 4 | (G) 6 | (H) 66 |
| 5/1p. | $3+4*1-3+7$ | (A) -77 | (B) -76 | (C) -33 | (D) -7 | (E) -3 | (F) 2 | (G) 11 | (H) 35 |
| 6/1p. | $5*7+5+1-7$ | (A) -28 | (B) -14 | (C) -1 | (D) 16 | (E) 17 | (F) 30 | (G) 34 | (H) 58 |
| 7/1p. | $5\%9\%4*5-6$ | (A) -98 | (B) -64 | (C) -49 | (D) -6 | (E) -3 | (F) -1 | (G) 0 | (H) 67 |
| 8/1p. | $2-4/4-7*3$ | (A) -24 | (B) -20 | (C) -18 | (D) 3 | (E) 8 | (F) 12 | (G) 20 | (H) 22 |
| 9/1p. | $4\%3*9/6-1$ | (A) -45 | (B) -39 | (C) -19 | (D) -7 | (E) 1 | (F) 4 | (G) 80 | (H) 93 |
| 10/1p. | $3\%7-3+7+5$ | (A) -66 | (B) -12 | (C) -5 | (D) 1 | (E) 3 | (F) 5 | (G) 8 | (H) 15 |
| 11/1p. | $2+2\%6-7\%8$ | (A) -95 | (B) -43 | (C) -15 | (D) -3 | (E) 0 | (F) 2 | (G) 5 | (H) 33 |
| 12/1p. | $9-6+6+6/8$ | (A) -3 | (B) -2 | (C) 0 | (D) 1 | (E) 2 | (F) 4 | (G) 7 | (H) 84 |
| 13/1p. | $7*4+1-3+4$ | (A) -99 | (B) -65 | (C) -14 | (D) 18 | (E) 28 | (F) 30 | (G) 36 | (H) 42 |
| 14/1p. | $3/9-9+4/3$ | (A) -40 | (B) -10 | (C) -8 | (D) -5 | (E) -3 | (F) -2 | (G) -1 | (H) 3 |
| 15/1p. | $5/6-8+7/2$ | (A) -38 | (B) -27 | (C) -11 | (D) -5 | (E) -1 | (F) 0 | (G) 2 | (H) 5 |
| 16/1p. | $4\%8*3/4-3$ | (A) -58 | (B) -12 | (C) -3 | (D) -2 | (E) 0 | (F) 1 | (G) 4 | (H) 60 |
| 17/1p. | $8+2-3-9-5$ | (A) -48 | (B) -31 | (C) 3 | (D) 11 | (E) 21 | (F) 38 | (G) 65 | (H) 86 |
| 18/1p. | $4-2-2+5/3$ | (A) -18 | (B) -1 | (C) 0 | (D) 1 | (E) 3 | (F) 4 | (G) 5 | (H) 6 |
| 19/1p. | $9-5-6*2/8$ | (A) -11 | (B) -1 | (C) 0 | (D) 2 | (E) 3 | (F) 5 | (G) 9 | (H) 10 |
| 20/1p. | $4/2*5/4+3$ | (A) -80 | (B) -36 | (C) 3 | (D) 4 | (E) 5 | (F) 8 | (G) 37 | (H) 67 |

Total points 20.

Answer Key (points per line)

1 (1).	J (24)
2 (1).	E (17)
3 (1).	J (1)
4 (1).	F (4)
5 (1).	G (11)
6 (1).	G (34)
7 (1).	F (-1)
8 (1).	B (-20)
9 (1).	J (0)
10 (1).	J (12)
11 (1).	D (-3)
12 (1).	J (9)
13 (1).	F (30)
14 (1).	C (-8)
15 (1).	D (-5)
16 (1).	E (0)
17 (1).	J (-7)
18 (1).	D (1)
19 (1).	E (3)
20 (1).	E (5)

Total points 20.