

## BEDMAS AND FOIL PRACTICE

Try without a calculator!

1.  $8 + 9 - 7 + 2$
2.  $-7 + 3 - 6$
3.  $(7 \times 6) + 19$
4.  $7 \times 6 + 19$
5.  $(12 \div 6) + 7$
6.  $12 \div 6 + 2$
7.  $20 - (4 \times 5)$
8.  $3(4+1) - 6$
9.  $51 + 3(4-2)$
10.  $3 - 4(x+2)$
11.  $8x - 3 - (5x + 3)$
12.  $(2x + 4) - (4x + 2x - 3)$
13.  $5x - (3x + 4) + 1$
14.  $3[4 - (4+1)]$
15.  $2(4x - 1) + [x + 2(3 - 4x)]$
16.  $10 - [20 - (6+2)]$
17.  $3[x + 6(x + y)]$
18.  $3(6x + 3y) + 4(2y - 2x)$
19.  $x(6 \div 3) + 4(6 \div 3)$
20.  $7(x + 3y) + [(6x \div 2) + x(4+1)]$
21.  $25 \div (-5) + 10 \div (-5)$
22.  $2^2 + (3+2)^2$
23.  $(3x + (-x)) + (10-4)^2$
24.  $[-64 \div (-16) \div (-2)] \div (2^3 - 3^2)$
25.  $(8x - 2)(2x + 4)$
26.  $10 \times 2 + 8 \times 3$
27.  $(1 \div 2)[16 \times 3 + 10]$
28.  $(9^2) - 8^2$
29.  $12 \div (-4) - 16$
30.  $(5^2 + 3^3 + 8) \div (9 \times 4 - 6)$
31.  $3(x+1)(x-3)$
32.  $(x+4)^2$
33.  $(-3)(7) - (2 \times 5)$
34.  $2 \times 10^3 - 10^2$
35.  $3y[(9+3-2) + (4x + 2x - 5x)]$
36.  $2(x+4) - (3 - x)^2$
37.  $(3x + 2)(6-7x)$
38.  $(9x + 3)(2x - 7) + 3$
39.  $-7(3^3) + 18(-3x + 7)$
40.  $256 \div (-16) \div (-2)$
41.  $x(3x+17) - 4(2 + 3)$
42.  $(1 \div 3)[9 \times 7 + 9 \times 2]$
43.  $(4x + 7)(-2x - 2)$
44.  $9(3x + 1)(4 - 2x)$
45.  $((9 \div 3) + (8 \div 4 + 2)) + 3(4-1)$
46.  $2x(4-3x)(6x+2)$
47.  $-7[(4+1)(7-2) - (x+2)(4x+3)]$
48.  $(x+1)^2 + 4^3 - 10^2$
49.  $x - [x(3+2) - 4x(6-8)] + 7$
50.  $(4x+2)(x^2 + 7x + 7)$
51.  $(x + y)(4x + 7y + 2)$
52.  $(9x + 7 - 4y)(2x - y)$
53.  $(x + y)(a + b - c + d - e)$
54.  $(2x+3y)(4 + 9y - 2x)$
55.  $3(x+y)^2$
56.  $4(x-y)^2$
57.  $(1 \div 4)[6(9-5) + 3(16 \div 4)]$
58.  $3x^2 + 2y(x-4y)^2$
59.  $-7(4^3) + 8x(4-y)$
60.  $x[9-(3-4)] - x$
61.  $(6 - 9 + 15) \div 4$
62.  $16 \div 4^2$
63.  $(1 \div 4)(20-4x) + 1$
64.  $(9-4)^2 \div (10 \div 2)$
65.  $-45 \times 16 \div 4$
66.  $[(8-10) + 2^2]^2$
67.  $3^5 \div 3^4 \times 3^2$
68.  $(2x - 1)^2(2^2-2)$
69.  $(3x + 4y) - (8x - 9y)$
70.  $2(4x - 7y + 2) + (3x + 2y - 1)$
71.  $(x + 1)[(6-10) + (9-15)]$
72.  $(x - 1)(x + 1)$
73.  $(x-1)^2$
74.  $(4x - (9-7)x)^2$
75.  $19 + (7 \times 6)x - (10-12)$
76.  $(x+2)(2x^2 + 7x + 3)$
77.  $[(2-6) + (9-5)^2]^2$
78.  $4 - [3 + (7+1)]$
79.  $8x(6+2)^2$
80.  $(20 \times 4 + 12 \times 2)^2$
81.  $1000(6^2 - 5^2)$
82.  $(2x)^2 + 4x^2 - (3x^2)$
83.  $2(x-1)^2 + 7(x+2)$
84.  $x^2 + 3(x^4) + (6x)^2$
85.  $(1-5)^2 + (x-y)^2 - (2y^2 + 2x^2)$
86.  $5x^2 - (3x)^2 + (x)^2$
87.  $[(1 \div 3)9x]^2 + [(1 \div 6)6^2x]^2$