Finding First Expression Name: **Answer Key**

Determine the first expression to evaluate in each problem.

Ex) $(9+13-9)+11-2+15-7$

1) $8(6-5+4-2)+9^2$

2) $3+10(\times 2+13-6)$

3) $7(9\div 3+16-9)+9^3$

4) $5+8(13-8+6)$

5) $10(6+8)+4$

6) $10(8^2+10)+12\div 3$

7) $3(48\div 8+10)+4$

8) $3+12\div 4(18\div 9+11-7)$

9) $(4+2)+45\div 5\times 7$

10) $(6\times 2)+9+30\div 5$

11) $3\times 9(48\div 6+5^3)$

12) $2+36\div 6(\times 8+14\div 2)$

13) $(6+9)+42\div 6\times 10$

14) $(9\times 2)+8-6+11-3$

15) $8(4-3+60\div 10)+18\div 9$

16) $2(\times 10+10^2)\times 7$

17) $10(4+8\div 4)+9-7$

18) $(4+6^3)\times 3+10-3$

19) $(10+5)+8-2+42\div 7$

20) $9+10\div 5(9\div 3+10)$

Answers

Ex. 9+13

1. 6-5
2. 2+13
3. 9÷3
4. 13-8
5. 6+8
6. 8^2
7. 48÷8
8. 18÷9
9. 4+2
10. 6×2
11. 5^3
12. 14÷2
13. 6+9
14. 9×2
15. 60÷10
16. 10^2
17. 8÷4
18. 6^3
19. 10+5
20. 9÷3

Order of Operations (C)

Name: _____ Date: _____

Simplify each expression using the correct order of operations.

$(7+2)\times 8\div 9-6$
$=9\times 8\div 9-6$
$=72\div 9-6$
$=8-6$
$=2$

$10\times(4+2)\div 3-9$
$=10\times 6\div 3-9$
$=60\div 3-9$
$=20-9$
$=11$

$(10+2-8)\times 6\div 4$
$=(12-8)\times 6\div 4$
$=4\times 6\div 4$
$=24\div 4$
$=6$

$(10\times 6)\div 2-3+7$
$=60\div 2-3+7$
$=30-3+7$
$=27+7$
$=34$

$(6\div 3)\times 10-9+4$
$=2\times 10-9+4$
$=20-9+4$
$=11+4$
$=15$

$(3+7\times 6-9)\div 4$
$=(3+42-9)\div 4$
$=(45-9)\div 4$
$=36\div 4$
$=9$

$(9\times(5+3-8))\div 2$
$=(9\times(8-8))\div 2$
$=(9\times 0)\div 2$
$=0\div 2$
$=0$

$(5+8\times 4-9)\div 2$
$=(5+32-9)\div 2$
$=(37-9)\div 2$
$=28\div 2$
$=14$

$6+4\times 3\div(8-2)$
$=6+4\times 3\div 6$
$=6+12\div 6$
$=6+2$
$=8$

$3-2\times 8\div(6+10)$
$=3-2\times 8\div 16$
$=3-16\div 16$
$=3-1$
$=2$