



Determine the first expression to evaluate in each problem.

**Answers**

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

Ex. 9+13

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

1. \_\_\_\_\_

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

2. \_\_\_\_\_

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

3. \_\_\_\_\_

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

4. \_\_\_\_\_

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

5. \_\_\_\_\_

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

6. \_\_\_\_\_

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

7. \_\_\_\_\_

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

8. \_\_\_\_\_

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

9. \_\_\_\_\_

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

10. \_\_\_\_\_

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

11. \_\_\_\_\_

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

12. \_\_\_\_\_

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

13. \_\_\_\_\_

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

14. \_\_\_\_\_

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

15. \_\_\_\_\_

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

16. \_\_\_\_\_

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

17. \_\_\_\_\_

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

18. \_\_\_\_\_

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

19. \_\_\_\_\_

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

20. \_\_\_\_\_



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<sup>2</sup>

7. 48÷8

8. 18÷9

9. 4+2

10. 6×2

11. 5<sup>3</sup>

12. 14÷2

13. 6+9

14. 9×2

15. 60÷10

16. 10<sup>2</sup>

17. 8÷4

18. 6<sup>3</sup>

19. 10+5

20. 9÷3



Determine the first expression to evaluate in each problem.

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

**Answers**

Ex. 9+13

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

1. \_\_\_\_\_

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

2. \_\_\_\_\_

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

3. \_\_\_\_\_

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

4. \_\_\_\_\_

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

5. \_\_\_\_\_

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

6. \_\_\_\_\_

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

7. \_\_\_\_\_

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

8. \_\_\_\_\_

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

9. \_\_\_\_\_

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

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Answers

Ex)  $4(6+8)+42\div 7$

Ex. 6+8

1)  $7+5^2(7-2+24\div 8)$

1. \_\_\_\_\_

2)  $(10+14-7)+6+10-4$

2. \_\_\_\_\_

3)  $4(9-2+6-4)+7$

3. \_\_\_\_\_

4)  $2(3^2+32\div 4)+2^2$

4. \_\_\_\_\_

5)  $2+3(4+30\div 3)$

5. \_\_\_\_\_

6)  $(7+8)+8-7+12-3$

6. \_\_\_\_\_

7)  $(3+9)+9^2+7^3$

7. \_\_\_\_\_

8)  $6\times 7(9^2+8-2)$

8. \_\_\_\_\_

9)  $10(10\div 5\times 7)+4$

9. \_\_\_\_\_

10)  $(8+70\div 7)\times 6+16\div 4$

10. \_\_\_\_\_

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

11. \_\_\_\_\_

12)  $5(16-8+9)\times 9$

12. \_\_\_\_\_

13)  $7+7(6+30\div 3)$

13. \_\_\_\_\_

14)  $7(8+6\div 2)+15\div 5$

14. \_\_\_\_\_

15)  $6(6+9^2)+8\div 4$

15. \_\_\_\_\_

16)  $8\times 7(\times 4\times 9)$

16. \_\_\_\_\_

17)  $8+10^2(\times 4+18-9)$

17. \_\_\_\_\_

18)  $(7+2)\times 2\times 5$

18. \_\_\_\_\_

19)  $5(45\div 9+8)+5^3$

19. \_\_\_\_\_

20)  $3\times 4(6-3+30\div 6)$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $4(6+8)+42\div 7$

1)  $7+5^2(7-2+24\div 8)$

2)  $(10+14-7)+6+10-4$

3)  $4(9-2+6-4)+7$

4)  $2(3^2+32\div 4)+2^2$

5)  $2+3(4+30\div 3)$

6)  $(7+8)+8-7+12-3$

7)  $(3+9)+9^2+7^3$

8)  $6\times 7(9^2+8-2)$

9)  $10(10\div 5\times 7)+4$

10)  $(8+70\div 7)\times 6+16\div 4$

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

12)  $5(16-8+9)\times 9$

13)  $7+7(6+30\div 3)$

14)  $7(8+6\div 2)+15\div 5$

15)  $6(6+9^2)+8\div 4$

16)  $8\times 7(\times 4\times 9)$

17)  $8+10^2(\times 4+18-9)$

18)  $(7+2)\times 2\times 5$

19)  $5(45\div 9+8)+5^3$

20)  $3\times 4(6-3+30\div 6)$

Answers

Ex. 6+8

1. 24÷8

2. 10+14

3. 9-2

4. 3<sup>2</sup>

5. 30÷3

6. 7+8

7. 3+9

8. 9<sup>2</sup>

9. 10÷5

10. 70÷7

11. 8×3

12. 16-8

13. 30÷3

14. 6÷2

15. 9<sup>2</sup>

16. 4×9

17. 4+18

18. 7+2

19. 45÷9

20. 30÷6



Determine the first expression to evaluate in each problem.

Ex)  $4(6+8)+42\div 7$

1)  $7+5^2(7-2+24\div 8)$

2)  $(10+14-7)+6+10-4$

3)  $4(9-2+6-4)+7$

4)  $2(3^2+32\div 4)+2^2$

5)  $2+3(4+30\div 3)$

6)  $(7+8)+8-7+12-3$

7)  $(3+9)+9^2+7^3$

8)  $6\times 7(9^2+8-2)$

9)  $10(10\div 5\times 7)+4$

10)  $(8+70\div 7)\times 6+16\div 4$

Answers

Ex. 6+8

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Answers

Ex)  $3(10^2 + 9^3) + 6^2$

Ex. 10<sup>2</sup>

1)  $(10 + 8) + 13 - 6 + 5^2$

1. \_\_\_\_\_

2)  $10 \times 4(2 + 7 - 6)$

2. \_\_\_\_\_

3)  $(10 + 3^3) \times 6 + 9^2$

3. \_\_\_\_\_

4)  $(3 + 7) + 10^2 + 4 \div 2$

4. \_\_\_\_\_

5)  $(3 + 11 - 5) + 42 \div 6 + 7^3$

5. \_\_\_\_\_

6)  $3(12 - 9 + 5^3) + 10^3$

6. \_\_\_\_\_

7)  $(8 + 3^3) + 16 \div 2 + 7^3$

7. \_\_\_\_\_

8)  $8 + 32 \div 8(11 - 7 + 10)$

8. \_\_\_\_\_

9)  $(4 + 5) \times 3 + 28 \div 4$

9. \_\_\_\_\_

10)  $6 + 14 \div 7(18 - 9 + 9)$

10. \_\_\_\_\_

11)  $(6 + 10 - 7) + 48 \div 8 + 9$

11. \_\_\_\_\_

12)  $9 + 4(6^3 + 11 - 9)$

12. \_\_\_\_\_

13)  $3(12 - 10 + 15 - 7) + 9$

13. \_\_\_\_\_

14)  $8 + 10(\times 2 + 8 \div 4)$

14. \_\_\_\_\_

15)  $(6 + 42 \div 7) \times 9 + 20 \div 4$

15. \_\_\_\_\_

16)  $3 \times 7(\times 8 + 6)$

16. \_\_\_\_\_

17)  $3(9 + 10 - 4) + 5$

17. \_\_\_\_\_

18)  $(10 + 5^2) + 72 \div 8 + 5^2$

18. \_\_\_\_\_

19)  $9 + 48 \div 8(8^2 + 3)$

19. \_\_\_\_\_

20)  $(9 \times 6) + 45 \div 5 \times 8$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $3(10^2 + 9^3) + 6^2$

1)  $(10 + 8) + 13 - 6 + 5^2$

2)  $10 \times 4(2 + 7 - 6)$

3)  $(10 + 3^3) \times 6 + 9^2$

4)  $(3 + 7) + 10^2 + 4 \div 2$

5)  $(3 + 11 - 5) + 42 \div 6 + 7^3$

6)  $3(12 - 9 + 5^3) + 10^3$

7)  $(8 + 3^3) + 16 \div 2 + 7^3$

8)  $8 + 32 \div 8(11 - 7 + 10)$

9)  $(4 + 5) \times 3 + 28 \div 4$

10)  $6 + 14 \div 7(18 - 9 + 9)$

11)  $(6 + 10 - 7) + 48 \div 8 + 9$

12)  $9 + 4(6^3 + 11 - 9)$

13)  $3(12 - 10 + 15 - 7) + 9$

14)  $8 + 10(\times 2 + 8 \div 4)$

15)  $(6 + 42 \div 7) \times 9 + 20 \div 4$

16)  $3 \times 7(\times 8 + 6)$

17)  $3(9 + 10 - 4) + 5$

18)  $(10 + 5^2) + 72 \div 8 + 5^2$

19)  $9 + 48 \div 8(8^2 + 3)$

20)  $(9 \times 6) + 45 \div 5 \times 8$

Answers

Ex. 10<sup>2</sup>

1. 10+8

2. 2+7

3. 3<sup>3</sup>

4. 3+7

5. 3+11

6. 5<sup>3</sup>

7. 3<sup>3</sup>

8. 11-7

9. 4+5

10. 18-9

11. 6+10

12. 6<sup>3</sup>

13. 12-10

14. 8÷4

15. 42÷7

16. 8+6

17. 9+10

18. 5<sup>2</sup>

19. 8<sup>2</sup>

20. 9×6





Determine the first expression to evaluate in each problem.

Ex)  $3(10^2 + 9^3) + 6^2$

1)  $(10 + 8) + 13 - 6 + 5^2$

2)  $10 \times 4(2 + 7 - 6)$

3)  $(10 + 3^3) \times 6 + 9^2$

4)  $(3 + 7) + 10^2 + 4 \div 2$

5)  $(3 + 11 - 5) + 42 \div 6 + 7^3$

6)  $3(12 - 9 + 5^3) + 10^3$

7)  $(8 + 3^3) + 16 \div 2 + 7^3$

8)  $8 + 32 \div 8(11 - 7 + 10)$

9)  $(4 + 5) \times 3 + 28 \div 4$

10)  $6 + 14 \div 7(18 - 9 + 9)$

Answers

Ex.  $10^2$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

**Answers**

Ex)  $(3 \times 7) + 2 + 8$

Ex. 3x7

1)  $4 \times 3(\times 3 + 13 - 7)$

1. \_\_\_\_\_

2)  $4(5^3 + 30 \div 10) \times 9$

2. \_\_\_\_\_

3)  $(9 + 12 - 10) + 8 - 5 + 12 \div 4$

3. \_\_\_\_\_

4)  $4(3 + 8) \times 2$

4. \_\_\_\_\_

5)  $(8 + 5^2) + 6^2 + 6^3$

5. \_\_\_\_\_

6)  $(6 \times 3) + 8 + 3^3$

6. \_\_\_\_\_

7)  $(5 + 2) + 3^3 \times 7$

7. \_\_\_\_\_

8)  $(8 + 10) + 9 + 10^3$

8. \_\_\_\_\_

9)  $(7 \times 7) + 17 - 10 + 7$

9. \_\_\_\_\_

10)  $3(3^3 + 3^2) + 2$

10. \_\_\_\_\_

11)  $10(6^2 + 35 \div 5) + 8^3$

11. \_\_\_\_\_

12)  $2(3^2 \times 9) + 8$

12. \_\_\_\_\_

13)  $2(4 \times 9) + 8$

13. \_\_\_\_\_

14)  $4(\times 8 \times 7) + 16 - 7$

14. \_\_\_\_\_

15)  $3(10 - 8 + 7^2) + 28 \div 7$

15. \_\_\_\_\_

16)  $10 + 7(80 \div 8 + 8^3)$

16. \_\_\_\_\_

17)  $7 + 6(40 \div 4 + 4)$

17. \_\_\_\_\_

18)  $4(\times 9 + 5) \times 6$

18. \_\_\_\_\_

19)  $8 \times 8(8 + 17 - 8)$

19. \_\_\_\_\_

20)  $(4 \times 9) \times 7 + 16 \div 4$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $(3 \times 7) + 2 + 8$

1)  $4 \times 3(\times 3 + 13 - 7)$

2)  $4(5^3 + 30 \div 10) \times 9$

3)  $(9 + 12 - 10) + 8 - 5 + 12 \div 4$

4)  $4(3 + 8) \times 2$

5)  $(8 + 5^2) + 6^2 + 6^3$

6)  $(6 \times 3) + 8 + 3^3$

7)  $(5 + 2) + 3^3 \times 7$

8)  $(8 + 10) + 9 + 10^3$

9)  $(7 \times 7) + 17 - 10 + 7$

10)  $3(3^3 + 3^2) + 2$

11)  $10(6^2 + 35 \div 5) + 8^3$

12)  $2(3^2 \times 9) + 8$

13)  $2(4 \times 9) + 8$

14)  $4(\times 8 \times 7) + 16 - 7$

15)  $3(10 - 8 + 7^2) + 28 \div 7$

16)  $10 + 7(80 \div 8 + 8^3)$

17)  $7 + 6(40 \div 4 + 4)$

18)  $4(\times 9 + 5) \times 6$

19)  $8 \times 8(8 + 17 - 8)$

20)  $(4 \times 9) \times 7 + 16 \div 4$

Answers

Ex.  $3 \times 7$

1.  $3 + 13$

2.  $5^3$

3.  $9 + 12$

4.  $3 + 8$

5.  $5^2$

6.  $6 \times 3$

7.  $5 + 2$

8.  $8 + 10$

9.  $7 \times 7$

10.  $3^3$

11.  $6^2$

12.  $3^2$

13.  $4 \times 9$

14.  $8 \times 7$

15.  $7^2$

16.  $8^3$

17.  $40 \div 4$

18.  $9 + 5$

19.  $8 + 17$

20.  $4 \times 9$



Determine the first expression to evaluate in each problem.

Ex)  $(3 \times 7) + 2 + 8$

**Answers**

Ex. 3x7

1)  $4 \times 3(\times 3 + 13 - 7)$

1. \_\_\_\_\_

2)  $4(5^3 + 30 \div 10) \times 9$

2. \_\_\_\_\_

3)  $(9 + 12 - 10) + 8 - 5 + 12 \div 4$

3. \_\_\_\_\_

4)  $4(3 + 8) \times 2$

4. \_\_\_\_\_

5)  $(8 + 5^2) + 6^2 + 6^3$

5. \_\_\_\_\_

6)  $(6 \times 3) + 8 + 3^3$

6. \_\_\_\_\_

7)  $(5 + 2) + 3^3 \times 7$

7. \_\_\_\_\_

8)  $(8 + 10) + 9 + 10^3$

8. \_\_\_\_\_

9)  $(7 \times 7) + 17 - 10 + 7$

9. \_\_\_\_\_

10)  $3(3^3 + 3^2) + 2$

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

**Answers**

Ex)  $6(\times 2 + 5^2) + 9$

Ex. 5<sup>2</sup>

1)  $(2 + 12 \div 2) \times 9 \times 9$

1. \_\_\_\_\_

2)  $10(9 - 6 + 6) + 9 - 3$

2. \_\_\_\_\_

3)  $(2 \times 3) + 24 \div 4 + 90 \div 9$

3. \_\_\_\_\_

4)  $10(24 \div 3 + 10 - 6) + 9 - 5$

4. \_\_\_\_\_

5)  $7 \times 9(5^2 + 14 - 8)$

5. \_\_\_\_\_

6)  $(10 + 7^2) + 5 + 8 \div 4$

6. \_\_\_\_\_

7)  $3(10 \times 10) + 6$

7. \_\_\_\_\_

8)  $(5 + 7) + 8^3 + 80 \div 8$

8. \_\_\_\_\_

9)  $7(\times 8 + 13 - 4) + 7^2$

9. \_\_\_\_\_

10)  $7 + 7^2(7 + 100 \div 10)$

10. \_\_\_\_\_

11)  $(5 + 5) + 13 - 6 + 14 - 5$

11. \_\_\_\_\_

12)  $9 + 2^2(8^3 + 6)$

12. \_\_\_\_\_

13)  $(7 + 5 - 2) + 11 - 8 + 9 - 7$

13. \_\_\_\_\_

14)  $8(40 \div 10 + 3) + 54 \div 9$

14. \_\_\_\_\_

15)  $4 + 4(14 - 5 + 2^2)$

15. \_\_\_\_\_

16)  $(2 + 7) + 7 - 4 + 14 \div 7$

16. \_\_\_\_\_

17)  $(2 + 9) \times 3 + 10^2$

17. \_\_\_\_\_

18)  $2 + 2(\times 4 + 16 - 10)$

18. \_\_\_\_\_

19)  $(7 + 9) + 9 + 4^3$

19. \_\_\_\_\_

20)  $6 + 20 \div 4(5 + 60 \div 6)$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $6(\times 2 + 5^2) + 9$

1)  $(2 + 12 \div 2) \times 9 \times 9$

2)  $10(9 - 6 + 6) + 9 - 3$

3)  $(2 \times 3) + 24 \div 4 + 90 \div 9$

4)  $10(24 \div 3 + 10 - 6) + 9 - 5$

5)  $7 \times 9(5^2 + 14 - 8)$

6)  $(10 + 7^2) + 5 + 8 \div 4$

7)  $3(10 \times 10) + 6$

8)  $(5 + 7) + 8^3 + 80 \div 8$

9)  $7(\times 8 + 13 - 4) + 7^2$

10)  $7 + 7^2(7 + 100 \div 10)$

11)  $(5 + 5) + 13 - 6 + 14 - 5$

12)  $9 + 2^2(8^3 + 6)$

13)  $(7 + 5 - 2) + 11 - 8 + 9 - 7$

14)  $8(40 \div 10 + 3) + 54 \div 9$

15)  $4 + 4(14 - 5 + 2^2)$

16)  $(2 + 7) + 7 - 4 + 14 \div 7$

17)  $(2 + 9) \times 3 + 10^2$

18)  $2 + 2(\times 4 + 16 - 10)$

19)  $(7 + 9) + 9 + 4^3$

20)  $6 + 20 \div 4(5 + 60 \div 6)$

Answers

Ex. 5<sup>2</sup>

1. 12 ÷ 2

2. 9 - 6

3. 2 × 3

4. 24 ÷ 3

5. 5<sup>2</sup>

6. 7<sup>2</sup>

7. 10 × 10

8. 5 + 7

9. 8 + 13

10. 100 ÷ 10

11. 5 + 5

12. 8<sup>3</sup>

13. 7 + 5

14. 40 ÷ 10

15. 2<sup>2</sup>

16. 2 + 7

17. 2 + 9

18. 4 + 16

19. 7 + 9

20. 60 ÷ 6



Determine the first expression to evaluate in each problem.

Ex)  $6(\times 2 + 5^2) + 9$

Answers

Ex. 5<sup>2</sup>

1)  $(2 + 12 \div 2) \times 9 \times 9$

1. \_\_\_\_\_

2)  $10(9 - 6 + 6) + 9 - 3$

2. \_\_\_\_\_

3)  $(2 \times 3) + 24 \div 4 + 90 \div 9$

3. \_\_\_\_\_

4)  $10(24 \div 3 + 10 - 6) + 9 - 5$

4. \_\_\_\_\_

5)  $7 \times 9(5^2 + 14 - 8)$

5. \_\_\_\_\_

6)  $(10 + 7^2) + 5 + 8 \div 4$

6. \_\_\_\_\_

7)  $3(10 \times 10) + 6$

7. \_\_\_\_\_

8)  $(5 + 7) + 8^3 + 80 \div 8$

8. \_\_\_\_\_

9)  $7(\times 8 + 13 - 4) + 7^2$

9. \_\_\_\_\_

10)  $7 + 7^2(7 + 100 \div 10)$

10. \_\_\_\_\_







Determine the first expression to evaluate in each problem.

Ex)  $4(9^3 + 14 - 10) + 36 \div 4$

1)  $2(9^2 \times 5) + 10$

2)  $6 + 9(18 \div 6 + 8 - 6)$

3)  $5(5^3 + 9) + 11 - 6$

4)  $9 + 3^2(\times 3 + 70 \div 10)$

5)  $7(\times 9 \times 4) \times 10$

6)  $(3 + 10) + 9 + 56 \div 8$

7)  $(8 + 8) + 10 - 3 + 7^2$

8)  $10(36 \div 4 + 80 \div 10) + 2^3$

9)  $3(32 \div 4 + 3^3) + 6 - 4$

10)  $10(3^2 + 3 - 2) \times 5$

11)  $2(48 \div 6 \times 2) + 8^3$

12)  $5 + 10 \div 2(9 + 6)$

13)  $7 + 7(\times 7 + 4 - 2)$

14)  $(2 \times 8) + 10 \times 3$

15)  $(6 + 6 \div 3) + 10 - 6 + 3$

16)  $(8 + 8 - 4) + 5^3 + 9^3$

17)  $6 + 70 \div 7(8^3 + 14 - 7)$

18)  $7 + 4^2(9 - 3 + 14 - 7)$

19)  $3 \times 10(32 \div 8 + 60 \div 6)$

20)  $(8 \times 5) + 12 \div 2 + 10 - 9$

Answers

Ex. 9<sup>3</sup>

1. 9<sup>2</sup>

2. 18 ÷ 6

3. 5<sup>3</sup>

4. 70 ÷ 10

5. 9 × 4

6. 3 + 10

7. 8 + 8

8. 36 ÷ 4

9. 3<sup>3</sup>

10. 3<sup>2</sup>

11. 48 ÷ 6

12. 9 + 6

13. 7 + 4

14. 2 × 8

15. 6 ÷ 3

16. 8 + 8

17. 8<sup>3</sup>

18. 9 - 3

19. 32 ÷ 8

20. 8 × 5



Determine the first expression to evaluate in each problem.

Ex)  $4(9^3 + 14 - 10) + 36 \div 4$

1)  $2(9^2 \times 5) + 10$

2)  $6 + 9(18 \div 6 + 8 - 6)$

3)  $5(5^3 + 9) + 11 - 6$

4)  $9 + 3^2(\times 3 + 70 \div 10)$

5)  $7(\times 9 \times 4) \times 10$

6)  $(3 + 10) + 9 + 56 \div 8$

7)  $(8 + 8) + 10 - 3 + 7^2$

8)  $10(36 \div 4 + 80 \div 10) + 2^3$

9)  $3(32 \div 4 + 3^3) + 6 - 4$

10)  $10(3^2 + 3 - 2) \times 5$

Answers

Ex. 9<sup>3</sup>

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

**Answers**

Ex)  $5 + 2(\times 5 + 10)$

Ex. 5+10

1)  $6(5 + 6^3) \times 8$

1. \_\_\_\_\_

2)  $3 \times 4(12 \div 6 + 60 \div 6)$

2. \_\_\_\_\_

3)  $3(9 - 6 + 4) \times 7$

3. \_\_\_\_\_

4)  $(10 \times 8) + 6 - 5 + 54 \div 9$

4. \_\_\_\_\_

5)  $7(7 + 2^3) + 3^3$

5. \_\_\_\_\_

6)  $10(10 \div 5 + 9 - 4) + 12 - 6$

6. \_\_\_\_\_

7)  $(9 + 81 \div 9) + 15 - 10 + 4$

7. \_\_\_\_\_

8)  $(3 + 63 \div 7) + 80 \div 10 + 20 \div 5$

8. \_\_\_\_\_

9)  $(2 \times 8) + 8^3 + 8$

9. \_\_\_\_\_

10)  $9(20 \div 4 + 9 - 3) + 16 \div 2$

10. \_\_\_\_\_

11)  $(5 \times 9) + 12 - 6 + 5 - 3$

11. \_\_\_\_\_

12)  $(7 + 9^2) + 9 - 6 + 10$

12. \_\_\_\_\_

13)  $7(9^2 + 8) + 2$

13. \_\_\_\_\_

14)  $6(9^2 \times 7) \times 9$

14. \_\_\_\_\_

15)  $6 \times 5(9 \times 9)$

15. \_\_\_\_\_

16)  $6(8 \div 2 + 15 - 10) + 63 \div 7$

16. \_\_\_\_\_

17)  $6 + 6(7 - 5 + 5)$

17. \_\_\_\_\_

18)  $9(10^3 \times 4) \times 10$

18. \_\_\_\_\_

19)  $2(3 + 9) + 2^3$

19. \_\_\_\_\_

20)  $7(\times 6 + 10^2) + 8^3$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $5 + 2(\times 5 + 10)$

1)  $6(5 + 6^3) \times 8$

2)  $3 \times 4(12 \div 6 + 60 \div 6)$

3)  $3(9 - 6 + 4) \times 7$

4)  $(10 \times 8) + 6 - 5 + 54 \div 9$

5)  $7(7 + 2^3) + 3^3$

6)  $10(10 \div 5 + 9 - 4) + 12 - 6$

7)  $(9 + 81 \div 9) + 15 - 10 + 4$

8)  $(3 + 63 \div 7) + 80 \div 10 + 20 \div 5$

9)  $(2 \times 8) + 8^3 + 8$

10)  $9(20 \div 4 + 9 - 3) + 16 \div 2$

11)  $(5 \times 9) + 12 - 6 + 5 - 3$

12)  $(7 + 9^2) + 9 - 6 + 10$

13)  $7(9^2 + 8) + 2$

14)  $6(9^2 \times 7) \times 9$

15)  $6 \times 5(9 \times 9)$

16)  $6(8 \div 2 + 15 - 10) + 63 \div 7$

17)  $6 + 6(7 - 5 + 5)$

18)  $9(10^3 \times 4) \times 10$

19)  $2(3 + 9) + 2^3$

20)  $7(\times 6 + 10^2) + 8^3$

Answers

Ex. 5+10

1. 6<sup>3</sup>

2. 12÷6

3. 9-6

4. 10×8

5. 2<sup>3</sup>

6. 10÷5

7. 81÷9

8. 63÷7

9. 2×8

10. 20÷4

11. 5×9

12. 9<sup>2</sup>

13. 9<sup>2</sup>

14. 9<sup>2</sup>

15. 9×9

16. 8÷2

17. 7-5

18. 10<sup>3</sup>

19. 3+9

20. 10<sup>2</sup>



Determine the first expression to evaluate in each problem.

Ex)  $5 + 2(\times 5 + 10)$

**Answers**

Ex. 5+10

1)  $6(5 + 6^3) \times 8$

1. \_\_\_\_\_

2)  $3 \times 4(12 \div 6 + 60 \div 6)$

2. \_\_\_\_\_

3)  $3(9 - 6 + 4) \times 7$

3. \_\_\_\_\_

4)  $(10 \times 8) + 6 - 5 + 54 \div 9$

4. \_\_\_\_\_

5)  $7(7 + 2^3) + 3^3$

5. \_\_\_\_\_

6)  $10(10 \div 5 + 9 - 4) + 12 - 6$

6. \_\_\_\_\_

7)  $(9 + 81 \div 9) + 15 - 10 + 4$

7. \_\_\_\_\_

8)  $(3 + 63 \div 7) + 80 \div 10 + 20 \div 5$

8. \_\_\_\_\_

9)  $(2 \times 8) + 8^3 + 8$

9. \_\_\_\_\_

10)  $9(20 \div 4 + 9 - 3) + 16 \div 2$

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Answers

Ex)  $3 + 5^3(10 - 2 + 2^3)$

Ex.            $2^3$           

1)  $5(4^2 \times 9) + 4$

1. \_\_\_\_\_

2)  $3(9 - 4 + 35 \div 5) + 70 \div 10$

2. \_\_\_\_\_

3)  $3(\times 6 \times 3) + 5 - 4$

3. \_\_\_\_\_

4)  $4 + 4^2(50 \div 10 + 5)$

4. \_\_\_\_\_

5)  $9 + 5^2(5 + 7^3)$

5. \_\_\_\_\_

6)  $5 + 6^3(\times 2 + 15 - 8)$

6. \_\_\_\_\_

7)  $2(\times 9 + 9) + 8^3$

7. \_\_\_\_\_

8)  $3(7 + 3^2) + 4$

8. \_\_\_\_\_

9)  $6 + 7(\times 2 + 18 - 10)$

9. \_\_\_\_\_

10)  $2 \times 10(72 \div 9 \times 5)$

10. \_\_\_\_\_

11)  $2 \times 9(3 + 6)$

11. \_\_\_\_\_

12)  $10(6 \times 10) + 4$

12. \_\_\_\_\_

13)  $9 + 5(8 - 2 + 4)$

13. \_\_\_\_\_

14)  $9 + 24 \div 8(8^3 + 18 \div 6)$

14. \_\_\_\_\_

15)  $(7 + 12 - 3) + 2 + 7^3$

15. \_\_\_\_\_

16)  $2 \times 3(81 \div 9 + 49 \div 7)$

16. \_\_\_\_\_

17)  $10(\times 3 + 5^3) + 3$

17. \_\_\_\_\_

18)  $4(3 + 13 - 5) \times 10$

18. \_\_\_\_\_

19)  $(3 \times 5) \times 10 + 6 \div 3$

19. \_\_\_\_\_

20)  $(2 \times 9) + 3 + 9 - 5$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $3 + 5^3(10 - 2 + 2^3)$

1)  $5(4^2 \times 9) + 4$

2)  $3(9 - 4 + 35 \div 5) + 70 \div 10$

3)  $3(\times 6 \times 3) + 5 - 4$

4)  $4 + 4^2(50 \div 10 + 5)$

5)  $9 + 5^2(5 + 7^3)$

6)  $5 + 6^3(\times 2 + 15 - 8)$

7)  $2(\times 9 + 9) + 8^3$

8)  $3(7 + 3^2) + 4$

9)  $6 + 7(\times 2 + 18 - 10)$

10)  $2 \times 10(72 \div 9 \times 5)$

11)  $2 \times 9(3 + 6)$

12)  $10(6 \times 10) + 4$

13)  $9 + 5(8 - 2 + 4)$

14)  $9 + 24 \div 8(8^3 + 18 \div 6)$

15)  $(7 + 12 - 3) + 2 + 7^3$

16)  $2 \times 3(81 \div 9 + 49 \div 7)$

17)  $10(\times 3 + 5^3) + 3$

18)  $4(3 + 13 - 5) \times 10$

19)  $(3 \times 5) \times 10 + 6 \div 3$

20)  $(2 \times 9) + 3 + 9 - 5$

Answers

Ex.  $2^3$

1.  $4^2$

2.  $35 \div 5$

3.  $6 \times 3$

4.  $50 \div 10$

5.  $7^3$

6.  $2 + 15$

7.  $9 + 9$

8.  $3^2$

9.  $2 + 18$

10.  $72 \div 9$

11.  $3 + 6$

12.  $6 \times 10$

13.  $8 - 2$

14.  $8^3$

15.  $7 + 12$

16.  $81 \div 9$

17.  $5^3$

18.  $3 + 13$

19.  $3 \times 5$

20.  $2 \times 9$



Determine the first expression to evaluate in each problem.

Ex)  $3 + 5^3(10 - 2 + 2^3)$

1)  $5(4^2 \times 9) + 4$

2)  $3(9 - 4 + 35 \div 5) + 70 \div 10$

3)  $3(\times 6 \times 3) + 5 - 4$

4)  $4 + 4^2(50 \div 10 + 5)$

5)  $9 + 5^2(5 + 7^3)$

6)  $5 + 6^3(\times 2 + 15 - 8)$

7)  $2(\times 9 + 9) + 8^3$

8)  $3(7 + 3^2) + 4$

9)  $6 + 7(\times 2 + 18 - 10)$

10)  $2 \times 10(72 \div 9 \times 5)$

Answers

Ex.  $2^3$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_





Determine the first expression to evaluate in each problem.

Answers

Ex)  $6(18 \div 9 + 3^2) \times 3$

Ex.            $3^2$           

1)  $9 \times 9(10^3 \times 8)$

1. \_\_\_\_\_

2)  $2 + 10(3^3 + 14 - 9)$

2. \_\_\_\_\_

3)  $(7 + 16 - 8) + 7^3 + 10^3$

3. \_\_\_\_\_

4)  $(10 + 2) \times 4 \times 9$

4. \_\_\_\_\_

5)  $9(\times 6 + 3^3) + 16 \div 8$

5. \_\_\_\_\_

6)  $4(4 + 48 \div 8) + 5^2$

6. \_\_\_\_\_

7)  $9(5^2 + 5 - 2) \times 9$

7. \_\_\_\_\_

8)  $8 \times 2(30 \div 5 + 12 - 3)$

8. \_\_\_\_\_

9)  $8(4^3 + 48 \div 8) + 5$

9. \_\_\_\_\_

10)  $7(17 - 8 + 6 - 3) + 8^3$

10. \_\_\_\_\_

11)  $8(5^2 + 6^3) + 8 - 7$

11. \_\_\_\_\_

12)  $5(14 \div 7 + 7 - 4) + 7 - 6$

12. \_\_\_\_\_

13)  $7 + 90 \div 9(6^2 \times 4)$

13. \_\_\_\_\_

14)  $5(24 \div 3 + 14 - 8) + 6$

14. \_\_\_\_\_

15)  $2(6 + 64 \div 8) \times 5$

15. \_\_\_\_\_

16)  $9 + 72 \div 8(16 - 8 + 5^3)$

16. \_\_\_\_\_

17)  $8 + 5^2(\times 2 + 14 - 5)$

17. \_\_\_\_\_

18)  $(8 + 10) + 24 \div 6 + 11 - 7$

18. \_\_\_\_\_

19)  $6(2 + 8^3) + 21 \div 7$

19. \_\_\_\_\_

20)  $(4 + 9) + 5 - 4 + 13 - 5$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $6(18 \div 9 + 3^2) \times 3$

1)  $9 \times 9(10^3 \times 8)$

2)  $2 + 10(3^3 + 14 - 9)$

3)  $(7 + 16 - 8) + 7^3 + 10^3$

4)  $(10 + 2) \times 4 \times 9$

5)  $9(\times 6 + 3^3) + 16 \div 8$

6)  $4(4 + 48 \div 8) + 5^2$

7)  $9(5^2 + 5 - 2) \times 9$

8)  $8 \times 2(30 \div 5 + 12 - 3)$

9)  $8(4^3 + 48 \div 8) + 5$

10)  $7(17 - 8 + 6 - 3) + 8^3$

11)  $8(5^2 + 6^3) + 8 - 7$

12)  $5(14 \div 7 + 7 - 4) + 7 - 6$

13)  $7 + 90 \div 9(6^2 \times 4)$

14)  $5(24 \div 3 + 14 - 8) + 6$

15)  $2(6 + 64 \div 8) \times 5$

16)  $9 + 72 \div 8(16 - 8 + 5^3)$

17)  $8 + 5^2(\times 2 + 14 - 5)$

18)  $(8 + 10) + 24 \div 6 + 11 - 7$

19)  $6(2 + 8^3) + 21 \div 7$

20)  $(4 + 9) + 5 - 4 + 13 - 5$

Answers

Ex. 3<sup>2</sup>

1. 10<sup>3</sup>

2. 3<sup>3</sup>

3. 7+16

4. 10+2

5. 3<sup>3</sup>

6. 48÷8

7. 5<sup>2</sup>

8. 30÷5

9. 4<sup>3</sup>

10. 17-8

11. 5<sup>2</sup>

12. 14÷7

13. 6<sup>2</sup>

14. 24÷3

15. 64÷8

16. 5<sup>3</sup>

17. 2+14

18. 8+10

19. 8<sup>3</sup>

20. 4+9



Determine the first expression to evaluate in each problem.

Ex)  $6(18 \div 9 + 3^2) \times 3$

1)  $9 \times 9(10^3 \times 8)$

2)  $2 + 10(3^3 + 14 - 9)$

3)  $(7 + 16 - 8) + 7^3 + 10^3$

4)  $(10 + 2) \times 4 \times 9$

5)  $9(\times 6 + 3^3) + 16 \div 8$

6)  $4(4 + 48 \div 8) + 5^2$

7)  $9(5^2 + 5 - 2) \times 9$

8)  $8 \times 2(30 \div 5 + 12 - 3)$

9)  $8(4^3 + 48 \div 8) + 5$

10)  $7(17 - 8 + 6 - 3) + 8^3$

Answers

Ex.  $3^2$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Answers

Ex)  $5(3^2+9)+5^3$

Ex.            $3^2$           

1)  $3+9(16-10+13-4)$

1. \_\_\_\_\_

2)  $4(35\div 7+8)+24\div 4$

2. \_\_\_\_\_

3)  $10(2+30\div 10)+5$

3. \_\_\_\_\_

4)  $5(2^3\times 9)\times 10$

4. \_\_\_\_\_

5)  $4(18\div 3+6\div 2)+8$

5. \_\_\_\_\_

6)  $(5+7)+10^3+9$

6. \_\_\_\_\_

7)  $(4+3)+72\div 8+8^2$

7. \_\_\_\_\_

8)  $6+4(8-2+45\div 9)$

8. \_\_\_\_\_

9)  $(2\times 10)+40\div 5+6\div 2$

9. \_\_\_\_\_

10)  $4\times 9(40\div 10+3^3)$

10. \_\_\_\_\_

11)  $8\times 5(2^2\times 10)$

11. \_\_\_\_\_

12)  $4\times 7(\times 7+6^2)$

12. \_\_\_\_\_

13)  $3+56\div 7(7-6+5^2)$

13. \_\_\_\_\_

14)  $3(\times 10+21\div 7)\times 2$

14. \_\_\_\_\_

15)  $5(28\div 4+8^2)\times 4$

15. \_\_\_\_\_

16)  $2+4^2(9+5)$

16. \_\_\_\_\_

17)  $8(10^2+18-10)+6$

17. \_\_\_\_\_

18)  $(10+2)+56\div 7+13-7$

18. \_\_\_\_\_

19)  $8(5+10^2)+20\div 5$

19. \_\_\_\_\_

20)  $8+24\div 4(10+16-7)$

20. \_\_\_\_\_



Determine the first expression to evaluate in each problem.

Ex)  $5(3^2+9)+5^3$

1)  $3+9(16-10+13-4)$

2)  $4(35\div 7+8)+24\div 4$

3)  $10(2+30\div 10)+5$

4)  $5(2^3\times 9)\times 10$

5)  $4(18\div 3+6\div 2)+8$

6)  $(5+7)+10^3+9$

7)  $(4+3)+72\div 8+8^2$

8)  $6+4(8-2+45\div 9)$

9)  $(2\times 10)+40\div 5+6\div 2$

10)  $4\times 9(40\div 10+3^3)$

11)  $8\times 5(2^2\times 10)$

12)  $4\times 7(\times 7+6^2)$

13)  $3+56\div 7(7-6+5^2)$

14)  $3(\times 10+21\div 7)\times 2$

15)  $5(28\div 4+8^2)\times 4$

16)  $2+4^2(9+5)$

17)  $8(10^2+18-10)+6$

18)  $(10+2)+56\div 7+13-7$

19)  $8(5+10^2)+20\div 5$

20)  $8+24\div 4(10+16-7)$

Answers

Ex. 3<sup>2</sup>

1. 16-10

2. 35÷7

3. 30÷10

4. 2<sup>3</sup>

5. 18÷3

6. 5+7

7. 4+3

8. 45÷9

9. 2×10

10. 3<sup>3</sup>

11. 2<sup>2</sup>

12. 6<sup>2</sup>

13. 5<sup>2</sup>

14. 21÷7

15. 8<sup>2</sup>

16. 9+5

17. 10<sup>2</sup>

18. 10+2

19. 10<sup>2</sup>

20. 10+16



Determine the first expression to evaluate in each problem.

Ex)  $5(3^2+9)+5^3$

1)  $3+9(16-10+13-4)$

2)  $4(35\div 7+8)+24\div 4$

3)  $10(2+30\div 10)+5$

4)  $5(2^3\times 9)\times 10$

5)  $4(18\div 3+6\div 2)+8$

6)  $(5+7)+10^3+9$

7)  $(4+3)+72\div 8+8^2$

8)  $6+4(8-2+45\div 9)$

9)  $(2\times 10)+40\div 5+6\div 2$

10)  $4\times 9(40\div 10+3^3)$

Answers

Ex.  $3^2$

1. \_\_\_\_\_

2. \_\_\_\_\_

3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_