

Name:

Diveodile's Order of Operations Quest

Help Diveodile solve the order of operations questions below!

1. $5 + ((12 - 6) \times 2^2) =$

2. $((12 \div 6)^4 - 12) \times (10 - 8)^3 =$

3. $((12 \div 4)^2 + 3) \times (5 - 3) =$

4. $(6 \times (4^2 - 10)) - 12 =$

5. $5 + ((5^2 - 5) \div 4) =$

6. $((36 - 12) \div 6) + (2^4 - 12) =$

7. $(3 \times 8) \div (3 \times (2^4 - 14)) =$

8. $2^2 \times ((2 + 2) \times 2) =$

9. $(9 \div 3)^2 + (4 \times (12 - 2^3)) =$

10. $50 - ((6 + 5) \times 2^2) =$

11. $((18 \div 9)^6 - 1) \div 7 =$

12. $3 + ((3 - 1)^2 \times 10) \div 5 =$

13. $(12 \times (4 + 4)) - 4^3 =$

14. $((9 - 3)^2 \div 6) \times (5 - 2) =$

15. $8 + ((3 + 2)^2 - 4) \div 3 =$

16. $5 + ((5^3 \div 5) \div 5) \times 5 =$

17. $2^6 \div ((15 + 9) \div 3) + 3 =$

18. $((28 - 1) \div 9) \times ((3 \times 4) \div 2) =$

19. $(2^2 \times (6 + 6)) \div (4 + 2^2) =$

20. $((4 + 4) \times 9) \div ((2 + 2) \times 2) =$



Diveodile's Order of Operations Quest

Order of Operations with Nested Parentheses

Answer Key

1. $5 + ((12 - 6) \times 2^2) = 29$

2. $((12 \div 6)^4 - 12) \times (10 - 8)^3 = 32$

3. $((12 \div 4)^2 + 3) \times (5 - 3) = 24$

4. $(6 \times (4^2 - 10)) - 12 = 24$

5. $5 + ((5^2 - 5) \div 4) = 10$

6. $((36 - 12) \div 6) + (2^4 - 12) = 8$

7. $(3 \times 8) \div (3 \times (2^4 - 14)) = 4$

8. $2^2 \times ((2 + 2) \times 2) = 32$

9. $(9 \div 3)^2 + (4 \times (12 - 2^3)) = 25$

10. $50 - ((6 + 5) \times 2^2) = 6$

11. $((18 \div 9)^6 - 1) \div 7 = 9$

12. $3 + ((3 - 1)^2 \times 10) \div 5 = 11$

13. $(12 \times (4 + 4)) - 4^3 = 32$

14. $((9 - 3)^2 \div 6) \times (5 - 2) = 18$

15. $8 + ((3 + 2)^2 - 4) \div 3 = 15$

16. $5 + ((5^3 \div 5) \div 5) \times 5 = 30$

17. $2^6 \div ((15 + 9) \div 3) + 3 = 11$

18. $((28 - 1) \div 9) \times ((3 \times 4) \div 2) = 18$

19. $(2^2 \times (6 + 6)) \div (4 + 2^2) = 6$

20. $((4 + 4) \times 9) \div ((2 + 2) \times 2) = 18$