

What Did People Say When Walter Gearloose Tried to Drag His Sheep Across a Frozen Pond?



Write the letter of each correct answer in the box containing the exercise number.

Simplify the expression.

1. $5^3 \cdot 5^2$

2. $(-5)^7 \cdot (-5)^4$

3. $5^8 \div 5^5$

4. $(-5)^{10} \div (-5)^3$

5. $\frac{5^6}{5^5}$

Write the expression without exponents.

11. $3^2 \cdot 3^3$

12. $(-3)^2 \cdot (-3)^3$

13. $8^7 \div 8^4$

14. $\frac{(-8)^5}{(-8)^3}$

15. $\frac{(-8)^4}{-8}$

Write the expression without exponents.

21. $40^8 \div 40^5$

22. $\frac{(-40)^4}{(-40)^3}$

23. $(-9)^2 \cdot (-9)^2$

24. $9 \cdot 9 \cdot 9^3$

25. $\frac{9^2}{9^2}$

N. $(-3)^5$

S. -9^2

H. $(-8)^3$

G. 8^3

I. 3^5

A. $(-9)^2$

T. $(-8)^2$

R. 9^5

O. 40^3

G. 0

E. $(-9)^4$

O. 1

N. 9

V. -40

Simplify the expression.

S. 5^4

A. $(-5)^{11}$

T. $(-5)^7$

W. 5^5

I. 5

H. $(-5)^9$

L. 5^3

Write the expression without exponents.

11. $3^2 \cdot 3^3$

12. $(-3)^2 \cdot (-3)^3$

13. $8^7 \div 8^4$

14. $\frac{(-8)^5}{(-8)^3}$

15. $\frac{(-8)^4}{-8}$

N. $(-3)^5$

S. -9^2

H. $(-8)^3$

G. 8^3

I. 3^5

A. $(-9)^2$

T. $(-8)^2$

Write the expression without exponents.

21. $40^8 \div 40^5$

22. $\frac{(-40)^4}{(-40)^3}$

23. $(-9)^2 \cdot (-9)^2$

24. $9 \cdot 9 \cdot 9^3$

25. $\frac{9^2}{9^2}$

R. 9^5

O. 40^3

G. 0

E. $(-9)^4$

O. 1

N. 9

V. -40

Simplify the expression.

6. $x^9 \cdot x^2$

7. $x^9 \div x^2$

8. $(-x)^6 \cdot (-x)^6$

9. $\frac{x^4}{x}$

10. $x \cdot x^7$

Write the expression without exponents.

16. $10^3 \cdot 10$

17. $-10 \cdot (-10)^5$

18. $\frac{(-10)^{12}}{(-10)^7}$

19. $2^2 \cdot 2^3 \cdot 2^2$

20. $\frac{(-2)^{11}}{(-2)^4}$

O. 2^7

A. $(-10)^2$

L. $(-2)^7$

W. $(-10)^6$

D. $(-2)^5$

E. 10^4

O. $(-10)^5$

What value of n makes the statement true?

26. $5^7 \cdot 5^n = 5^{10}$

27. $(-8)^n \cdot (-8)^4 = (-8)^{15}$

28. $12^{10} \div 12^n = 12^2$

29. $m \cdot m^n = m^{13}$

30. $\frac{m^4}{m^4} = m^n$

E. 0

S. 10

I. 8

D. 2

R. 11

C. 12

U. 3

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
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