

Order of Operations

Plug in the numbers, and simplify

$$\frac{x(y+z)^2}{z} - \frac{y}{x+z}$$

1. $x = -4, y = -9, z = 3$

2. $x = 9, y = -4, z = -8$

3. $x = 5, y = -6, z = -4$

$$\frac{a}{b-c} + \frac{b(c-d)}{b-d}$$

4. $a = -8, b = -6, c = -2, d = -7$

5. $a = -8, b = 3, c = 1, d = 2$

6. $a = -4, b = -2, c = 2, d = -3$

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$$\frac{4(l+m)^2}{(l-n)} + \frac{2(m-n)^2}{o}$$

7. $l = -4, m = 9, n = -8, o = 1$

8. $l = 4, m = 6, n = 5, o = -2$

9. $l = 8, m = 3, n = -3, o = 1$

$$P^4 - 4Q^3 + 2R^2$$

10. $p = 4, q = -2, r = -1$

11. $p = 4, q = -5, r = 2$

12. $p = 1, q = 4, r = 2$

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$$\frac{6e - 4f}{3g + h}$$

13. $e = 9, f = 7, g = 5, h = -2$

14. $e = 9, f = -3, g = -3, h = 8$

15. $e = 7, f = -6, g = 2, h = -9$

$$\frac{rs}{s(r-t)} - \frac{t(s-t)}{rt}$$

16. $r = 5, s = -1, t = 4$

17. $r = -3, s = 4, t = -2$

18. $r = 1, s = 5, t = 2$