

20 $a \{ [3(x-1)+4] - 2[5-2(x+2)] \}$
 $a \{ [3x-3+4] - 2[5-2x-4] \}$

$a \{ 3x+1-10+4x+8 \}$
 $a \{ 7x-1 \} = 14x-2$
 $14x-2 = 12$

21 $y = -5$
 $x^2 + 8x - 9 = 0$
 $(x+9)(x-1) = 0$
 $x = -9$ $x = 1$

22 $\sqrt{x^2+8x} = x^2+3$
 $x^2+8x = x^2+9$

23 $\begin{cases} 3x-5y = 2 \\ 4x+2y = -3 \end{cases}$ $M_1 \begin{cases} 6x-10y = 4 \\ 20x+10y = -15 \end{cases}$

$M_4 \begin{cases} 12x-20y = 8 \\ 12x-6y = 9 \end{cases}$
 $-16y = 17$
 $y = -\frac{17}{16}$
 $x = \frac{-11-17}{26} = -\frac{28}{26}$

24 $2x^2-3x+5$
 $\frac{3x-2}{6x^2-13x^2+21x-6}$
 $\frac{-4x^2+6x-6}{-4x^2+6x-6}$
 $\frac{0}{4}$

$26x = -11$
 $x = -\frac{11}{26}$
 $y = -\frac{17}{16}$
 $-\frac{11-17}{26} = -\frac{28}{26}$
 $-\frac{14}{13}$

25 $\sqrt{(23x-3)^2} = \pm\sqrt{2001}$
 $23x-3 = -\sqrt{2001}$
 $x = \frac{-\sqrt{2001}+3}{23}$
 $x \approx -.5970...$

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26 $y = 2x^2-4x+5$
 $y = 2(x^2+2x) + 5$
 $y = 2(x^2+2x+1) + 5 - 2$
 $y = 2(x+1)^2 + 3$
 $a=2$ $a+k=5$
 $k=3$

28 $A \oplus B = 3A - B^2 + AB$

27 $\sqrt{L} = 2A+5$
 $\frac{L}{4} = 3 + \frac{A^2}{4}$
 $M_1 L = 3A+2$
 $2A+5=L = 3A+2$
 $3=A$
 $L = 2(3)+5 = 11$
 $11+3 = 14$

$(1.4 \oplus .8) = 3(1.4) - (.8)^2 + (1.4)(.8)$
 $4.2 - .64 + 1.12 = 4.68$
 $(2.1 \oplus 4.68) = 3(2.1) - (4.68)^2 + (2.1)(4.68)$
 $6.3 - 21.9024 + 9.828$
 -5.7744
 -5.77

$11+3 = 14$

29 $(1600)(310) + 4791 = 500791$

Upside Down 16L005

30 $x^0 = 1$ if $x \neq 0$

$A = (7)(5) = 80$
 $B = -3$
 $C = 5^2 = 25$
 $(A-B-C-5)^0$
 $(80+(-3)(25)-5)^0$
 $(80-75-5)^0$
 0^0 UNDEFINED