Equation/data-node-150

September 7, 2019

```
step-1
((1+2) + (x+1)) = x
step-2
((1+2) + (x+1)) = x
step-3
(3 + (x+1)) = x
step-4
((x+1) + 1 + 2) = x
step-5
((1+2) + x + 1) = x
step-6
(3 + (x + 1)) = x
step-7
((x+1) + 1 + 2) = x
step-8
((1+2) + x + 1) = x
step-9
(3+x+1) = x
step-10
(1 + 2 + x + 1) = x
step-11
((x+1)+3) = x
step-12
(x+1+1+2) = x
step-13
(3+x+1) = x
step-14
(1+2+x+1) = x
step-15
((x+1)+3) = x
step-16
(x+1+1+2) = x
step-17
3 + x + 1 = x
```

```
step-18
1+2+x+1=x
step-19
(3+x+1) = x
step-20
x + 1 + 1 + 2 = x
step-21
(x+1+3) = x
step-22
3 + x + 1 = x
step-23
1 + 2 + x + 1 = x
step-24
(3+x+1) = x
step-25
x + 1 + 1 + 2 = x
step-26
(x+1+3) = x
step-27
x + 4 = x
step-28
x + 1 + 3 = x
step-29
x + 4 = x
step-30
3 + x + 1 + (-1) * x = 0
step-31
x = x + (-1) * 3 + (-1) * 1
step-32
1 + 2 + x + 1 + (-1) * x = 0
step-33
x = x + (-1) * 1 + (-1) * 2 + (-1) * 1
step-34
x + 1 + 1 + 2 + (-1) * x = 0
step-35
x = x + (-1) * 1 + (-1) * 1 + (-1) * 2
step-36
x + 1 + 3 = x
step-37
x + 4 + (-1) * x = 0
step-38
x = x + (-1) * 4
step-39
x + (-1) * x + 4 = 0
step-40
3 + 1 + 0 * x = 0
```

```
step-41
x + (-1) * x = 0 + (-1) * 3 + (-1) * 1
step-42
x = x + (-4)
step-43
x + (-1) * x = (-1) * 3 + (-1) * 1
step-44
1 + 2 + 1 + 0 * x = 0
step-45
x + (-1) * x = 0 + (-1) * 1 + (-1) * 2 + (-1) * 1
step-46
x + (-1) * x = (-1) * 1 + (-1) * 2 + (-1) * 1
step-47
1 + 1 + 2 + 0 * x = 0
step-48
x + (-1) * x = 0 + (-1) * 1 + (-1) * 1 + (-1) * 2
step-49
x + (-1) * x = (-1) * 1 + (-1) * 1 + (-1) * 2
step-50
x + 1 + 3 + (-1) * x = 0
step-51
x = x + (-1) * 1 + (-1) * 3
step-52
4 + 0 * x = 0
step-53
x + (-1) * x = 0 + (-1) * 4
step-54
x + (-1) * x = (-1) * 4
step-55
0 * x + 4 = 0
step-56
0 * x = 0 + (-1) * 3 + (-1) * 1
step-57
x + (-1) * x = (-4)
step-58
0 * x = (-1) * 3 + (-1) * 1
step-59
0 * x = 0 + (-1) * 1 + (-1) * 2 + (-1) * 1
step-60
0 * x = (-1) * 1 + (-1) * 2 + (-1) * 1
step-61
0 * x = 0 + (-1) * 1 + (-1) * 1 + (-1) * 2
step-62
0 * x = (-1) * 1 + (-1) * 1 + (-1) * 2
step-63
1 + 3 + 0 * x = 0
```

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\begin{array}{l} \text{step-64} \\ x+(-1)*x=0+(-1)*1+(-1)*3 \\ \text{step-65} \\ x+(-1)*x=(-1)*1+(-1)*3 \\ \text{step-66} \\ 0*x=0+(-1)*4 \\ \text{step-67} \\ 0*x=(-1)*4 \\ \text{step-68} \\ 0*x=(-4)*\\ \text{step-69} \\ 0*x=0+(-1)*1+(-1)*3 \\ \text{step-70} \\ 0*x=(-1)*1+(-1)*3 \end{array}
```