Equation/data-node-270

September 7, 2019

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

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

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

```
\begin{array}{l} \mathrm{step\text{-}64} \\ 0*x = 0 + (-1)*1 + (-1)*1 + (-1)*2 \\ \mathrm{step\text{-}65} \\ 0*x = (-1)*1 + (-1)*1 + (-1)*2 \\ \mathrm{step\text{-}66} \\ 0*x = 0 + (-1)*4 \\ \mathrm{step\text{-}67} \\ 0*x = (-1)*4 \\ \mathrm{step\text{-}68} \\ 0*x = (-4) \\ \mathrm{step\text{-}69} \\ 0*x = 0 + (-1)*2 + (-1)*2 \\ \mathrm{step\text{-}70} \\ 0*x = (-1)*2 + (-1)*2 \end{array}
```