Equation/data-node-166

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

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

step-41
$2 * x + (-1) * x + 2 = 0$
step-42
$2 * x + (-1) * x = 0 + (-1) * 1 + (-1) * 1$
step-43
$2 * x = x + (-2)$
step-44
$2 * x + (-1) * x = (-1) * 1 + (-1) * 1$
step-45
$x + 2 = 0$
step-46
$x = 0 + (-1) * 1 + (-1) * 1$
step-47
$x + x + (-1) * x = (-2)$
step-48
$x = (-1) * 1 + (-1) * 1$
step-49
$2 * x + (-1) * x = 0 + (-1) * 2$
step-50
$2 * x + (-1) * x = (-1) * 2$
step-51
$x = 0 + (-1) * 2$
step-52
$x = (-1) * 2$
step-53
$2 * x + (-1) * x = (-2)$
step-54
$x = (-2)$
step-55
$x = (-1) * (2/1)$
step-56
$x = ((-2)/1)$