

Equation/data-node-276

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step-1

$$((x + 2) + (2 + x)) = x$$

step-2

$$((x + 2) + (2 + x)) = x$$

step-3

$$((2 + x) + x + 2) = x$$

step-4

$$((x + 2) + 2 + x) = x$$

step-5

$$((2 + x) + x + 2) = x$$

step-6

$$((x + 2) + 2 + x) = x$$

step-7

$$(x + 2 + 2 + x) = x$$

step-8

$$(2 + x + x + 2) = x$$

step-9

$$(x + 2 + 2 + x) = x$$

step-10

$$(2 + x + x + 2) = x$$

step-11

$$x + 2 + 2 + x = x$$

step-12

$$2 + x + x + 2 = x$$

step-13

$$x + 2 + 2 + x = x$$

step-14

$$2 + x + x + 2 = x$$

step-15

$$x + x + 4 = x$$

step-16

$$2 + 2 + 2 * x = x$$

step-17

$$x + x + 4 = x$$

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

step-41
 $2 * x + (-1) * x + 4 = 0$
step-42
 $2 * x + (-1) * x = 0 + (-1) * 2 + (-1) * 2$
step-43
 $2 * x = x + (-4)$
step-44
 $2 * x + (-1) * x = (-1) * 2 + (-1) * 2$
step-45
 $x + 4 = 0$
step-46
 $x = 0 + (-1) * 2 + (-1) * 2$
step-47
 $x + x + (-1) * x = (-4)$
step-48
 $x = (-1) * 2 + (-1) * 2$
step-49
 $2 * x + (-1) * x = 0 + (-1) * 4$
step-50
 $2 * x + (-1) * x = (-1) * 4$
step-51
 $x = 0 + (-1) * 4$
step-52
 $x = (-1) * 4$
step-53
 $2 * x + (-1) * x = (-4)$
step-54
 $x = (-4)$
step-55
 $x = (-1) * (4/1)$
step-56
 $x = ((-4)/1)$