

# Equation/data-node-167

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step-1

$$((1 + x) + (x + 2)) = x$$

step-2

$$((1 + x) + (x + 2)) = x$$

step-3

$$((x + 2) + 1 + x) = x$$

step-4

$$((1 + x) + x + 2) = x$$

step-5

$$((x + 2) + 1 + x) = x$$

step-6

$$((1 + x) + x + 2) = x$$

step-7

$$(1 + x + x + 2) = x$$

step-8

$$(x + 2 + 1 + x) = x$$

step-9

$$(1 + x + x + 2) = x$$

step-10

$$(x + 2 + 1 + x) = x$$

step-11

$$1 + x + x + 2 = x$$

step-12

$$x + 2 + 1 + x = x$$

step-13

$$1 + x + x + 2 = x$$

step-14

$$x + 2 + 1 + x = x$$

step-15

$$x + x + 3 = x$$

step-16

$$1 + 2 + 2 * x = x$$

step-17

$$2 + 1 + 2 * x = x$$

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

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

step-64

$$x = (-1) * 3$$

step-65

$$2 * x + (-1) * x = (-3)$$

step-66

$$x = (-3)$$

step-67

$$x = (-1) * (3/1)$$

step-68

$$x = ((-3)/1)$$