

# Equation/data-node-628

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step-1

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

step-2

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

step-3

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

step-4

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

step-5

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

step-6

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

step-7

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

step-8

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

step-9

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

step-10

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

step-11

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

step-12

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

step-13

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

step-14

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

step-15

$$x = x + x + 4$$

step-16

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

step-17

$$x = x + x + 4$$

step-18  
 $x = 2 + 2 + 2 * x$   
step-19  
 $x + (-1) * x + (-1) * x = 2 + 2$   
step-20  
 $x = 4 + 2 * x$   
step-21  
 $x = 2 * x + 4$   
step-22  
 $x = 4 + 2 * x$   
step-23  
 $x + (-1) * x + (-1) * x = 4$   
step-24  
 $x = 2 * x + 4$   
step-25  
 $x + (-2) * x = 2 + 2$   
step-26  
 $(-1) * x = 2 + 2$   
step-27  
 $x + (-2) * x = 4$   
step-28  
 $(-1) * x = 4$   
step-29  
 $x = (4/(-1))$   
step-30  
 $x = (-4)$   
step-31  
 $x = ((-4)/1)$