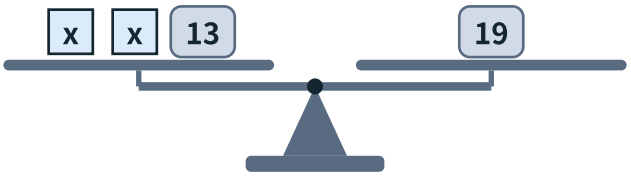
天平谜题

六年级 | 2026-11-01 | 练习

天平平衡时，两个托盘上的重量完全相同。把每架天平当作一句话来读，利用它告诉你的信息，求出每个缺少的重量。同一道题里，同样的图形重量总是相同。

每个标有 x 的盒子一样重。写出天平表示的方程并求解。例如：2x + 9 = 23，所以 2x = 14，x = 7。

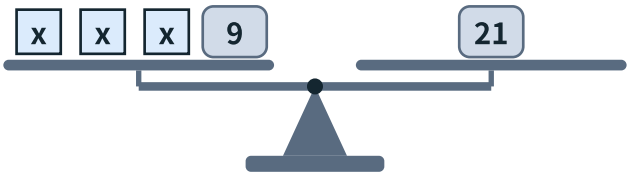
01



方程：_____

x = ☐

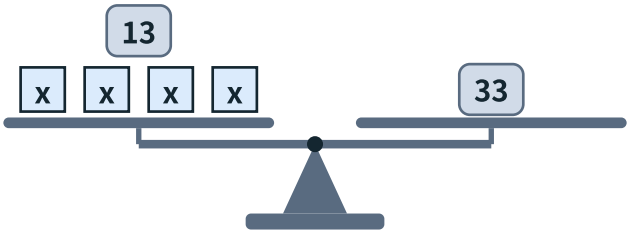
02



方程：_____

x = ☐

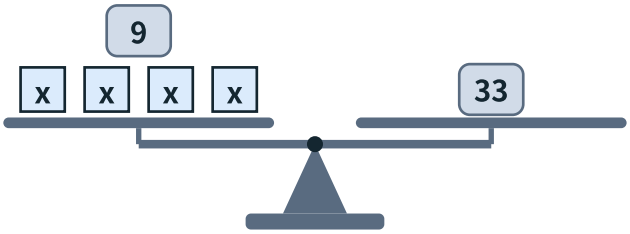
03



方程：_____

x = ☐

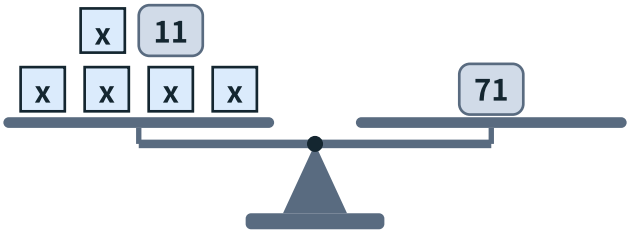
04



方程：_____

x = ☐

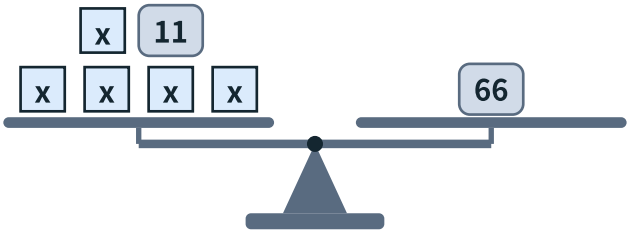
05



方程：_____

x = ☐

06



方程：_____

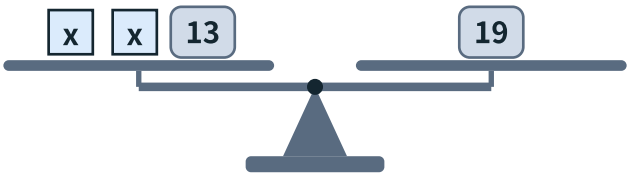
x = ☐

天平谜题

六年级 | 2026-11-01 | 答案

橙色标记是答案。检查时，把求出的值放回每架天平：两个托盘的总和必须相等。

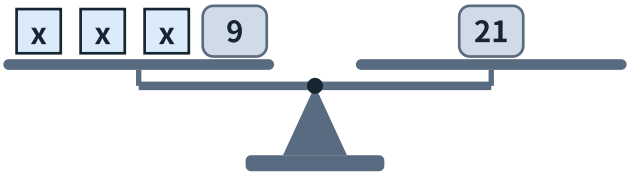
01



方程： 2x + 13 = 19

x = 3

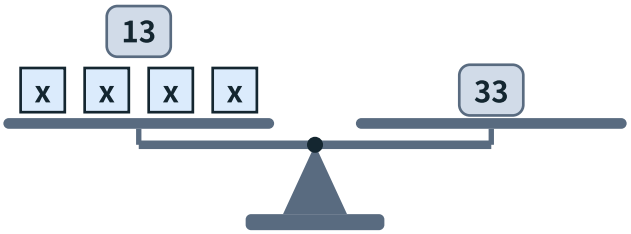
02



方程： 3x + 9 = 21

x = 4

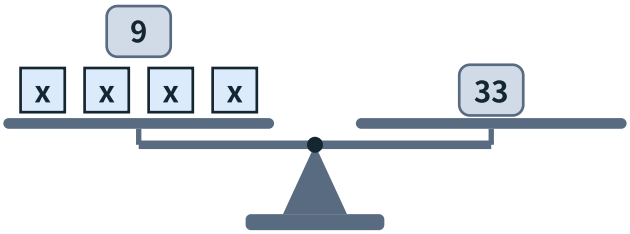
03



方程： 4x + 13 = 33

x = 5

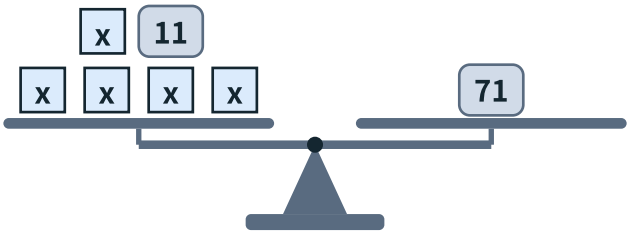
04



方程： 4x + 9 = 33

x = 6

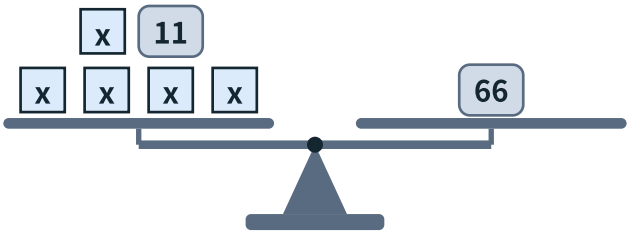
05



方程： 5x + 11 = 71

x = 12

06



方程： 5x + 11 = 66

x = 11