天平谜题

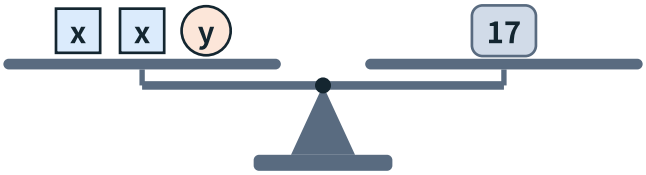
八年级 | 2026-11-01 | 练习

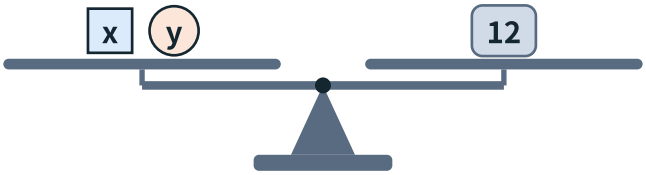
天平平衡时，两个托盘上的重量完全相同。把每架天平当作一句话来读，利用它告诉你的信息，求出每个缺少的重量。同一道题里，同样的图形重量总是相同。

为每架天平写一个方程并解方程组。第 03 题有三个未知数，需要用到全部三架天平。

01 题

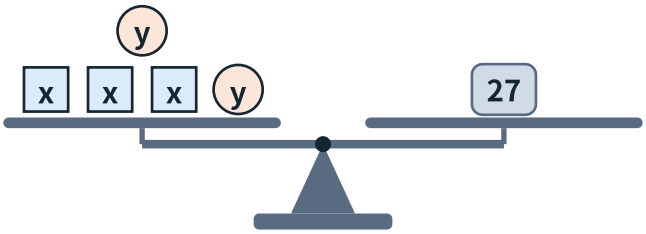
x = ＿＿＿＿　y = ＿＿＿＿

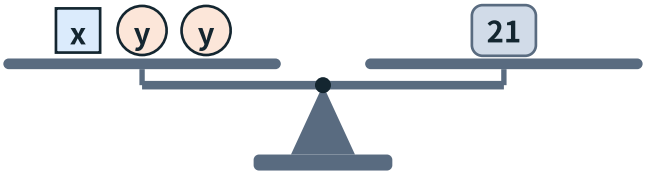




02 题

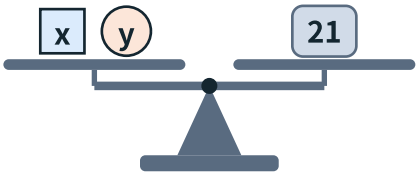
x = ＿＿＿＿　y = ＿＿＿＿

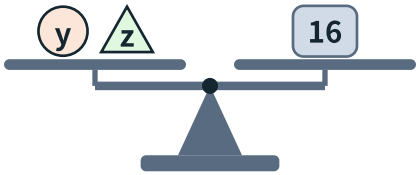


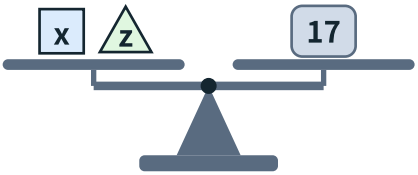


03 题

x = ＿＿＿＿　y = ＿＿＿＿　z = ＿＿＿＿







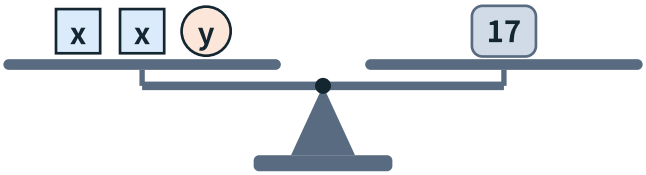
天平谜题

八年级 | 2026-11-01 | 答案

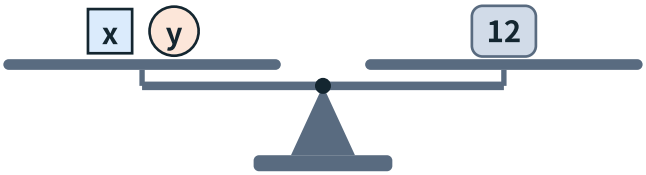
橙色标记是答案。检查时，把求出的值放回每架天平：两个托盘的总和必须相等。

01 题

x = 5　　y = 7



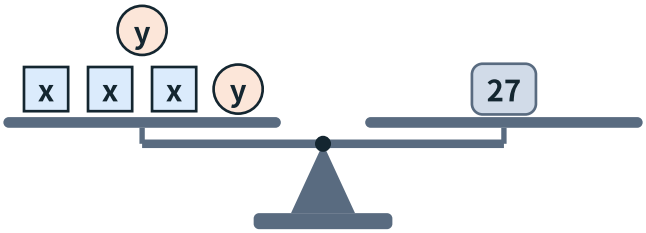
2x + y = 17



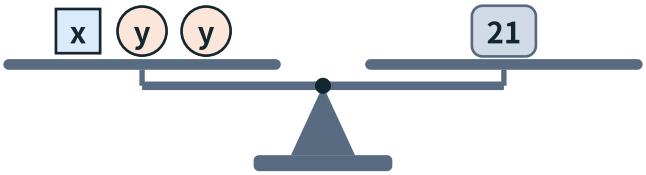
x + y = 12

02 题

x = 3　　y = 9



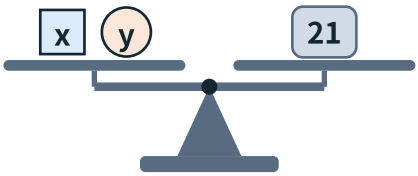
3x + 2y = 27



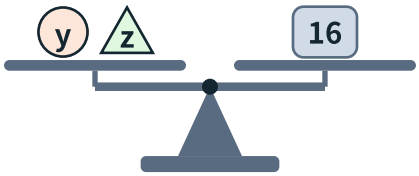
x + 2y = 21

03 题

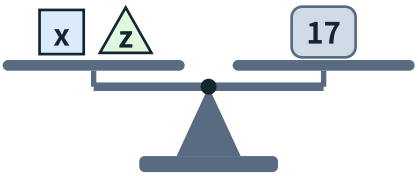
x = 11　　y = 10　　z = 6



x + y = 21



y + z = 16



x + z = 17