저울 퍼즐

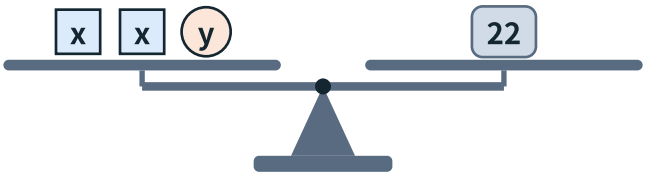
중학교 2학년 | 2026-11-01 | 학습지

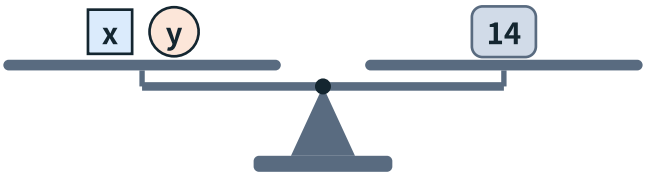
평형을 이룬 저울은 두 접시의 무게가 정확히 같습니다. 저울을 문장처럼 읽고 알려 주는 정보를 이용해 모르는 무게를 모두 찾아보세요. 한 문제 안에서 같은 모양의 무게는 항상 같습니다.

저울마다 방정식을 하나씩 쓰고 연립방정식을 푸세요. 03번은 미지수가 세 개라 저울 세 개가 모두 필요합니다.

01 문제

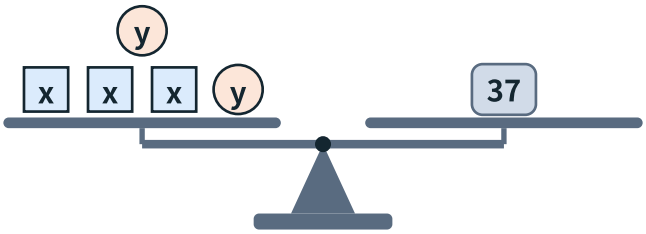
x = ☐ y = ☐

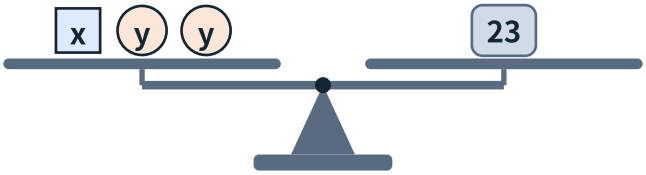




02 문제

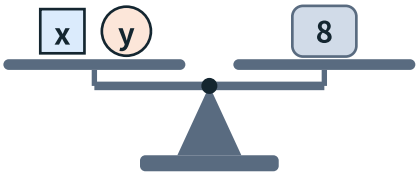
x = ☐ y = ☐

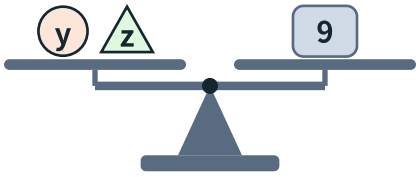


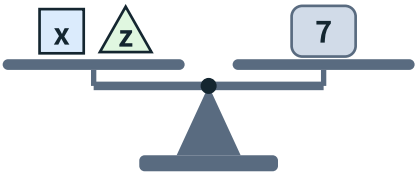


03 문제

x = ☐ y = ☐ z = ☐







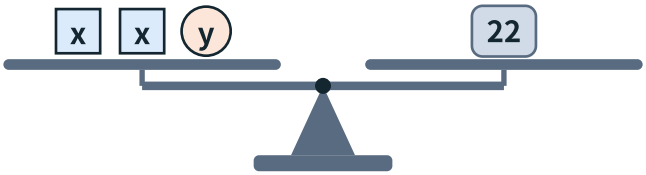
저울 퍼즐

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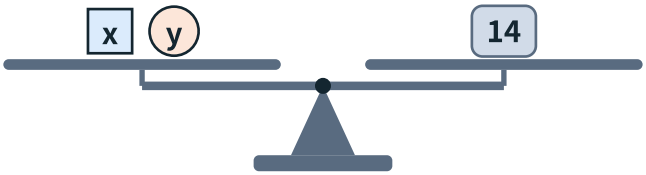
주황색 표시가 정답입니다. 확인하려면 구한 값을 각 저울에 다시 넣어 보세요. 두 접시의 합이 같아야 합니다.

01 문제

x = 8 y = 6



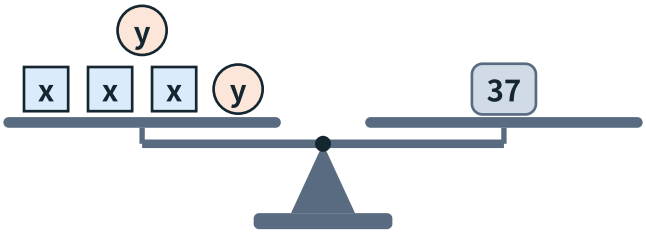
2x + y = 22



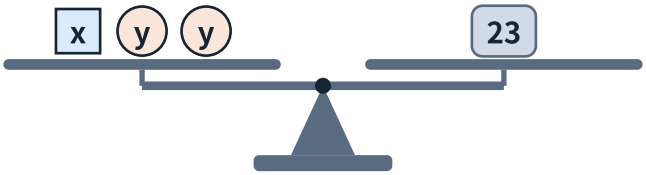
x + y = 14

02 문제

x = 7 y = 8



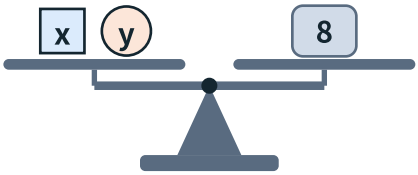
3x + 2y = 37



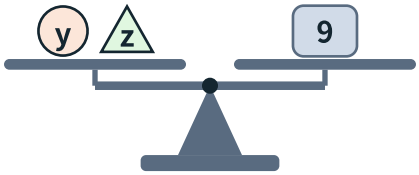
x + 2y = 23

03 문제

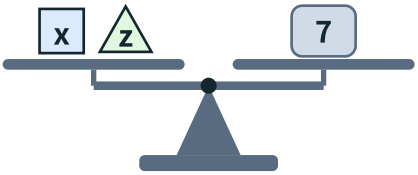
x = 3 y = 5 z = 4



x + y = 8



y + z = 9



x + z = 7