Name : _____ Date : _____

PAPILUMO / 3rd Grade (ages 8–9)

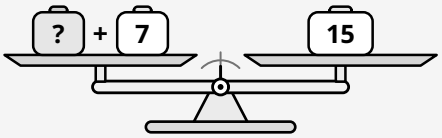
Pan-Balance Equations

Every scale is balanced so both pans weigh the same. Find the missing value on each card.



In his woodland workshop, Paco the squirrel weighs autumn supplies on his pan balance. Help him discover every hidden value!

Example: balanced scale (left = right)

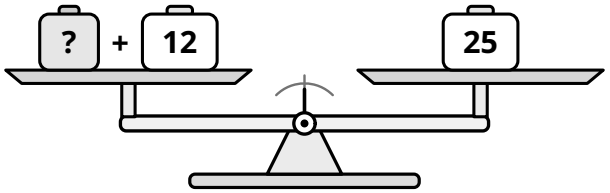


? + 7 = 15

? = 15 − 7 = **8**

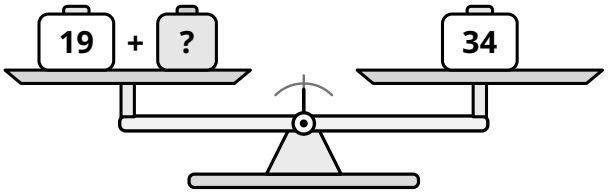
1. Read each balanced scale and write the value of the unknown symbol in the box:

A



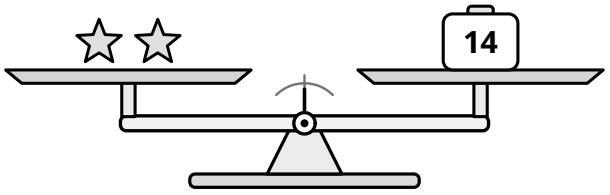
? = ☐

B



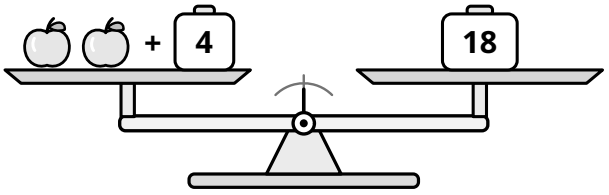
? = ☐

C



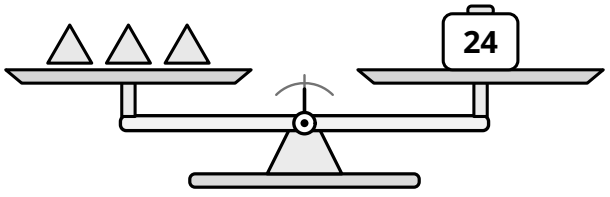
☆ = ☐

D



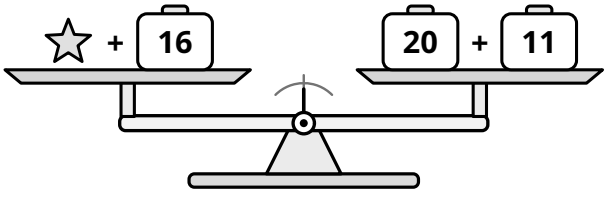
= ☐

E



△ = ☐

F



☆ = ☐

Tip: subtract the same known weight from both pans first, then share equally when two or three identical symbols appear.