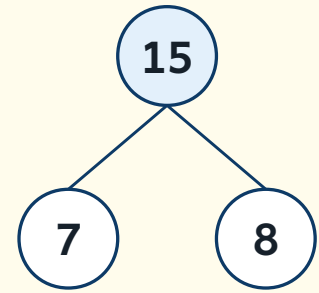


ORDER AND INVERSE WITH 7 + 8

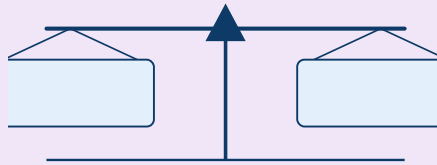
- 1 The bond shows $7 + 8 = 15$.
- 2 Swap the order: $8 + 7$ also equals **15**.
- 3 Subtraction undoes it: $15 - 8 = 7$, so write $7 + 8 \leftrightarrow 15 - 8$.



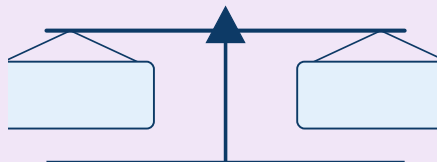
 WARM-UP

Fill each blank pan so the balance scales stay level.

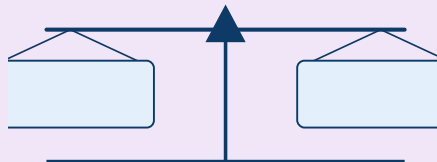
- 1.** On the first scales, left pan shows $6 + 7$ and right pan shows $7 + \underline{\hspace{1cm}}$, write the block that balances it



2. On the second scales, left pan shows 3×5 and right pan shows $5 \times \underline{\quad}$, write the block that balances it



3. On the third scales, left pan shows $8 + 6$ and right pan shows $14 - \underline{\quad}$, write the block that balances it



 PRACTICE

- 1** On one game board the left pan holds $6 + 7$ counters and the right holds $7 + ?$ counters. What must go in the blank so both pans balance?



? ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

- a. Swapping the two numbers you add keeps the total the same, so $4 + 9$ gives the same answer as $9 + 4$.
- b. Swapping the two numbers you multiply keeps the answer the same, so 3×5 equals 5×3 .
- c. Swapping the two numbers in a subtraction keeps the answer the same, so $10 - 4$ equals $4 - 10$.
- d. Subtraction undoes the addition, so if $8 + 6 = 14$ then $14 - 6 = 8$.



x y



ALGEBRA



x y

