Balance island totals with number bridges

Move a surplus, pick the bridge that fixes two islands and recover an unknown target.

01 Balance two island totals with one bridge

A sample pair of islands has 7 and 3. Both targets are 5. How much must move from the first island to the second?

Answer in units

02 Pick the bridge that closes both gaps

Island A has 6 and needs 4. Island B has 3 and needs 5. Which single transfer satisfies both targets?

- ▢ Move 2 from B to A
- ▢ Move 2 from A to B

03 Find the target missing from an island puzzle

Three islands have 12 units in total. Two target labels show 3 and 5. If transfers conserve the total, what must the final target label show?

Answer in units

Worked answers
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