

Near Doubles & Bridging

Elaboration 1 · Partition, rearrange and regroup numbers to add mentally

ELABORATION FOCUS

Using the associative property to add mentally: $7 + 8$ as $(7 + 7) + 1$ with near doubles, or $7 + (3 + 5) = (7 + 3) + 5$ by bridging to 10.

LEARNING INTENTION I can regroup numbers to add mentally using near doubles or bridging to 10.

Partition

Rearrange

Regroup

Near doubles

Bridge to 10

1

Split a Number

Break one addend into friendly parts you already know.

2

Move the Brackets

Regroup the parts: $7 + (3 + 5)$ is the same as $(7 + 3) + 5$.

3

Use What You Know

Lean on a double or a ten, then add the leftover part.

MODEL · TWO WAYS TO SOLVE $7 + 8$

Both strategies regroup the same 15 counters — only the grouping changes.



Rearranging the parts never changes the total: the answer is 15 either way.

TEACHER MODELLING ROUTINE I do → We do → You do

WATCH FOR

Changing the total when regrouping, or counting all instead of using a known fact.

REMEMBER

Say it to students as: "Make ten first, then add the rest."

MATERIALS

Counters, ten-frames, bar-model strips, open number lines, mini whiteboards.