

## Ladybird combinations – How to use

*Ladybird combinations* can be used on its own to explore numbers, or to extend learning from the interactive resource *Ladybird Spots*.



Write the target number in the box.

Children count the correct number of discs (e.g. buttons) to use as spots, and place them on the ladybird's wings.

Children write each combination in the “My combinations” box.

Children continue until all combinations for the target number have been found.

**Suggestion:** Use the black and white version when a record of children’s work is required.

Laminate the coloured version to use again and again in maths groups or independent activities.

**Extension ideas:**

**Turnarounds:** Encourage children to recognise and write the two turnaround facts shown by each combination.

**Missing addends:** Cover the buttons on one wing. Ask children to tell the hidden number e.g. four plus how many equals nine.

Children could play with partners in their groups e.g. “I’ve got nine all together. How many am I hiding?”

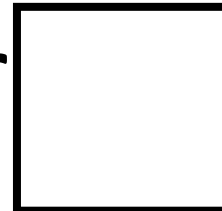
**Subtraction:** After each addition is written, children remove the buttons from one wing, and write the subtraction fact e.g.  $9 - 5 = 4$ .

**Subitisation:** Encourage children to identify the number on each wing without counting.

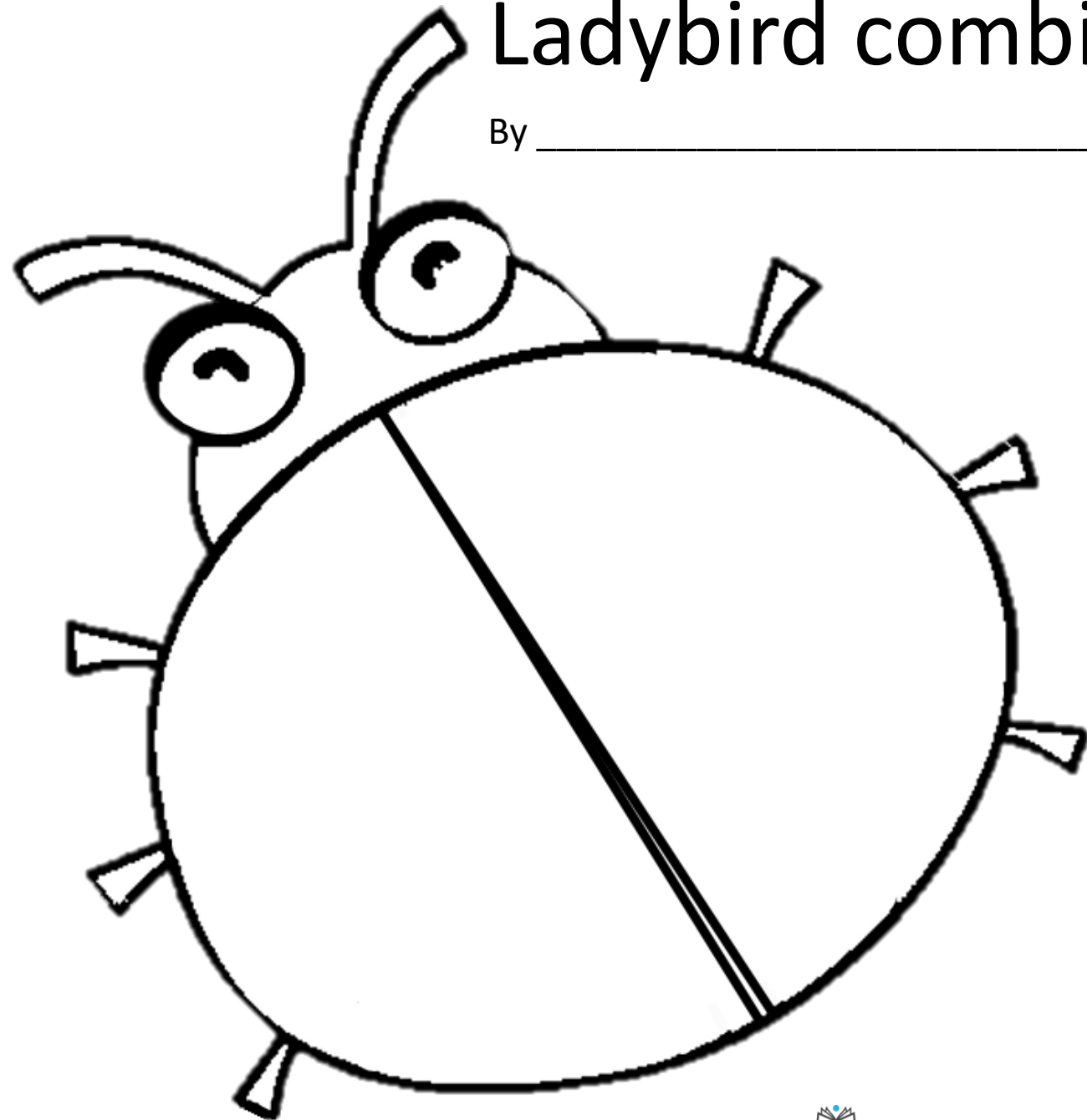
**Counting on:** Encourage children to begin with the larger number (using subitisation) and count on the smaller number to find the total.

**Self-monitoring:** Ask children to check if they have found all combinations, and to explain how they know if they have. (*Some children may notice that one combination more than the number being explored is required.*)

# Ladybird combinations for



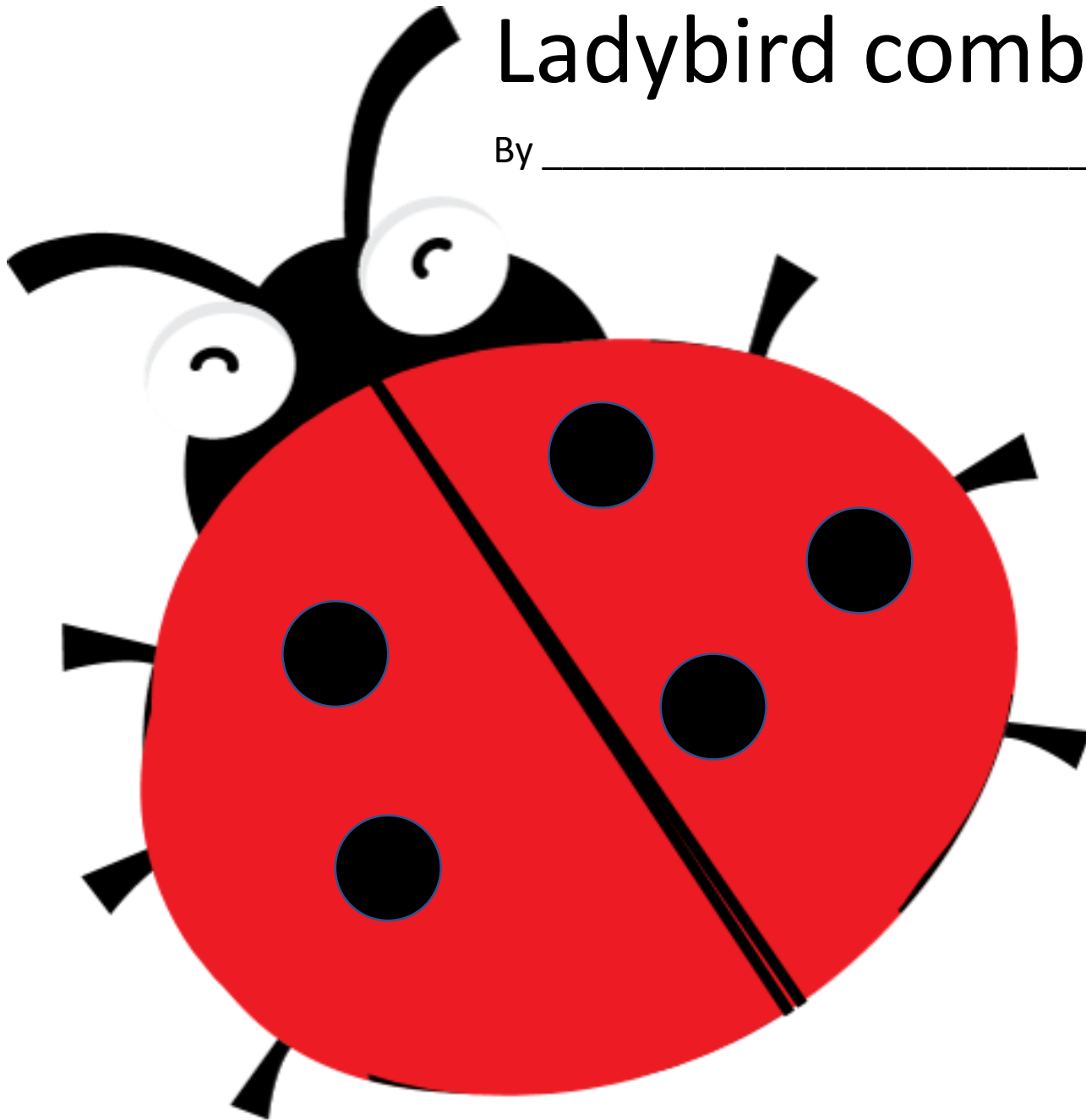
By \_\_\_\_\_ Date \_\_\_\_\_



My combinations:

# Ladybird combinations for

By \_\_\_\_\_ Date \_\_\_\_\_



My combinations: