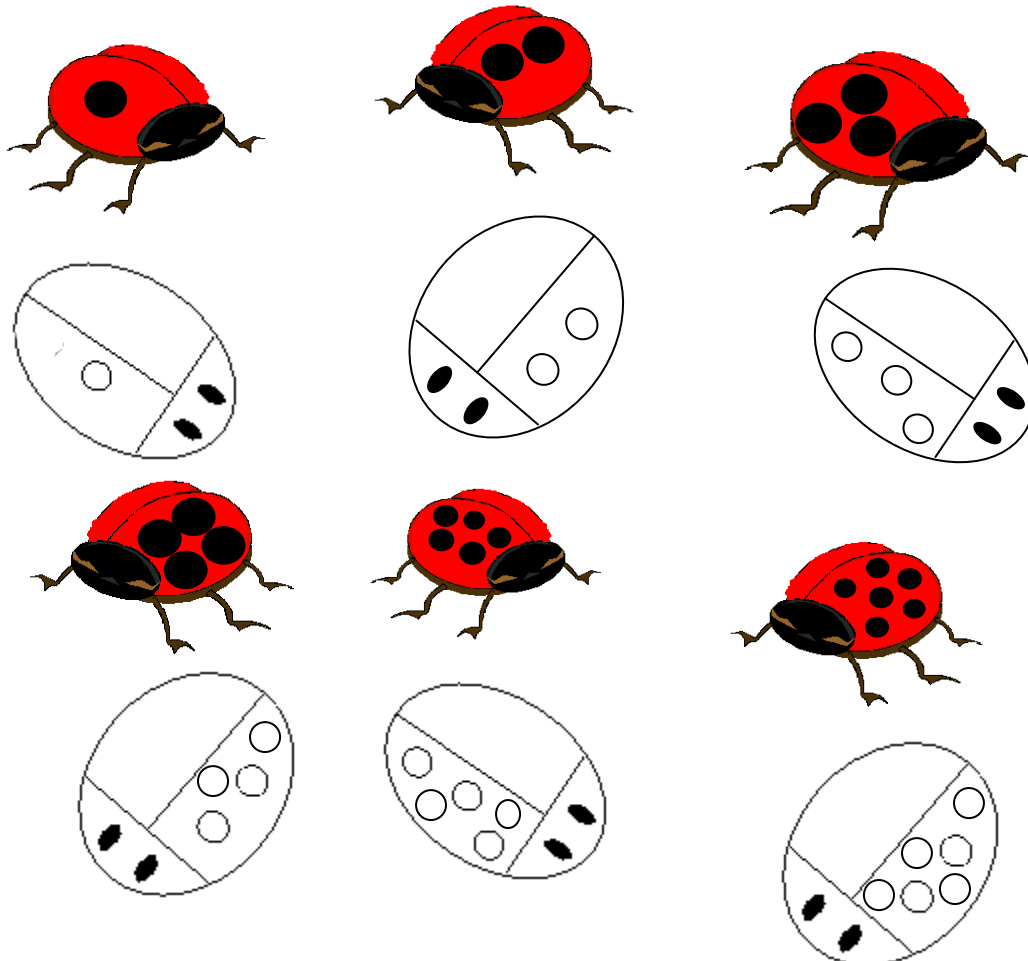


## Ladybird Doubles

Draw spots on the ladybird's other wing to make doubles



- Find pairs of ladybirds who have 10 spots altogether
- Choose a pair of ladybirds - how many spots altogether?
  - What different totals can you find?

## Learning and Teaching Objectives

- Use developing mathematical ideas and methods to solve practical problems.
- In practical activities and discussion begin to use the vocabulary involved in adding and subtracting.
- Begin to relate addition to combining 2 groups
- Have a system for finding all possibilities
- Organise the recording of possibilities (drawings, ordered list)

## Ladybird Doubles Solution

Pairs making 10

$$2 + 8$$

$$4 + 6$$

Other totals

$$2 + 4 = 6$$

$$2 + 6 = 8$$

$$2 + 10 = 12$$

$$2 + 12 = 14$$

$$4 + 8 = 12$$

$$4 + 10 = 14$$

$$4 + 12 = 16$$

$$6 + 8 = 14$$

$$6 + 10 = 16$$

$$6 + 12 = 18$$

$$8 + 10 = 18$$

$$8 + 12 = 20$$

$$10 + 12 = 22$$

To develop investigation into odd numbers, have ladybirds with one more spot on the other side (eg. 2 spots , 3 spots )

Dominoes make good pretend ladybirds!