

Colourful Ladybirds

The bag contains three heads and six body pieces. Snap three pieces together to make a ladybird.



Try to make a ladybird where the three pieces all have different colours.

How many different ladybirds could you make?

Can you find them all?

How do you know there aren't any others?

Next, try and make a ladybird where the two pieces of the body have the same colour and the head has a different colour.

How many different ladybirds could you make?

Can you find them all?

How do you know there aren't any others?



Now, build a ladybird of exactly two colours (two of the three pieces have the same colour, but it does not matter which ones).

How many different ladybirds could you make?

Can you find them all?

How do you know there aren't any others?