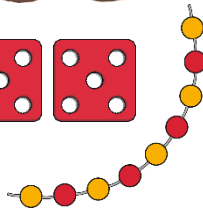
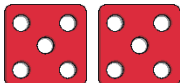
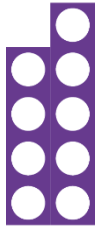
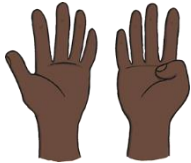
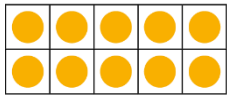


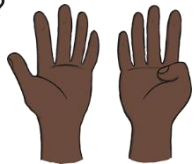
9 and 10



Talk about which pictures represent the number 9 and which pictures represent the number 10.



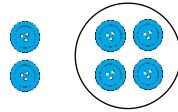
Show me 10 fingers. Now, show me 9 fingers. Can you show me 9 fingers in a different way?



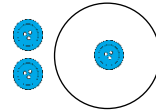
Comparing Numbers to 10

When comparing one quantity to another, it can be:

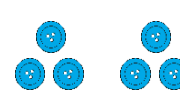
more than



fewer than



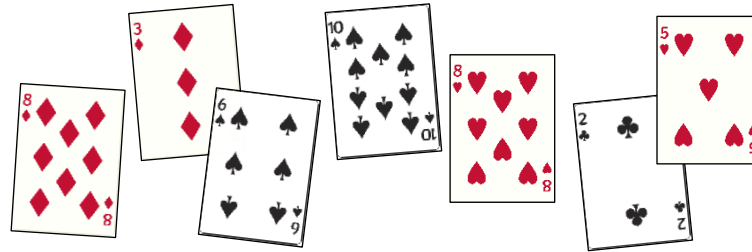
the same as



Talk about these nests of eggs. Which nest has the most eggs? Which nest has the fewest eggs? Can you find two nests that have the same number of eggs?



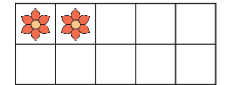
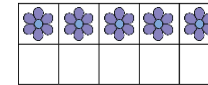
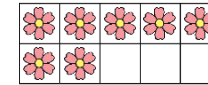
Remove the picture cards from a pack of cards. With a grown-up, turn over two cards. Compare the numbers and play a game of 'snap' by finding two cards that show the same number. Look at the cards on this page too. Talk about and compare the numbers you can see.



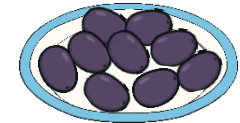
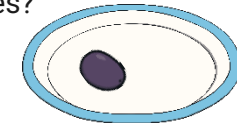
Bonds to 10

Number bonds to 10 describe two numbers that together make 10. For example, 5 and 5 or 9 and 1.

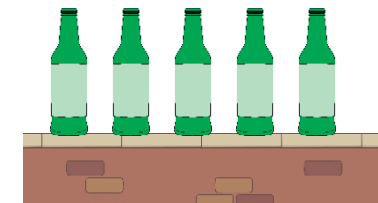
Baby Bear has been collecting some flowers. He has put them in some ten-frames. Talk about how many more flowers Baby Bear needs to put on each ten-frame to make 10.



There are many ways to share 10 items into two sets. Talk about how the grapes have been shared on these two plates. Can you think of some other ways the grapes could be shared between the two plates?



Sing the song '10 Green Bottles'. After each verse, how many bottles are on the wall and how many are on the ground?



Challenge Yourself:

- Write the numbers 1 to 10 on pieces of paper (one number on each piece of paper). Can you place them in order from 1 to 10?
- Ask a grown-up to hide one of the cards. Can you work out which number is missing?

Challenge Yourself:

- Use some building bricks to build towers. Place all of the bricks of the same colour into a tower.
- Which tower has the most bricks? Which has the fewest? Can you find two towers that have the same number of bricks?
- Can you place the towers in order? Start with the tower with the fewest bricks and end with the tower with the most bricks.

Challenge Yourself:

- Go on a treasure hunt around your house and collect some small toys in an empty egg box with 10 spaces. Pause after you've put each toy in your egg box. How many items have you found? How many more do you need to make 10?

Composition of 6, 7, 8

6
six



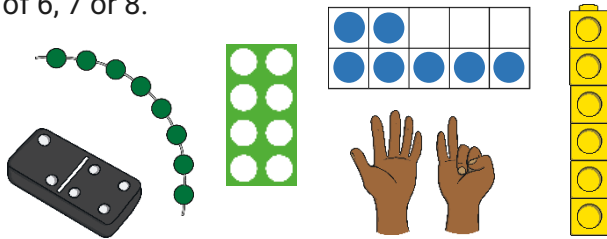
7
seven



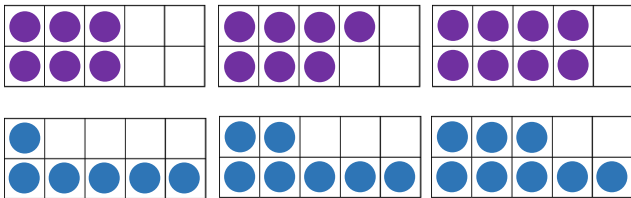
8
eight



Talk about which images show a representation of 6, 7 or 8.



Look at how these counters have been arranged on the ten-frames. How many counters are in each ten-frame? How do you know? What are the similarities and differences between them?



Challenge Yourself:

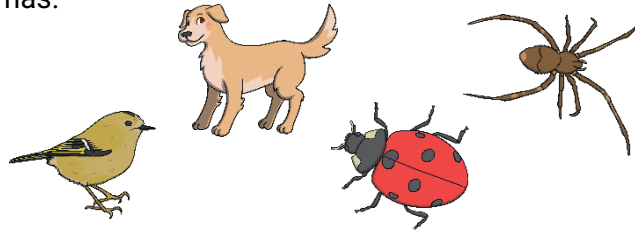
- Count 7 bricks or beads into a container so that they cannot be seen. Then add one more brick/bead. Can you work out how many there are without counting them all? Take one or two items out of the container. How many are there now?
- How many different ways can you find to make 6, 7 and 8? How will you record this?

Making Pairs

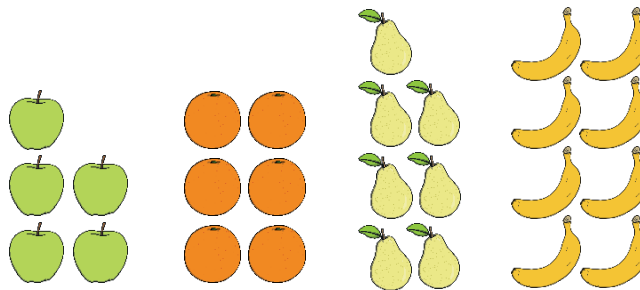
A pair is two.



Talk about how many pairs of legs each animal has.



Look at the quantities of fruit arranged into pairs. Some quantities have an odd one left that can't be made into a pair. Is there a pattern of which numbers make even pairs and which don't?

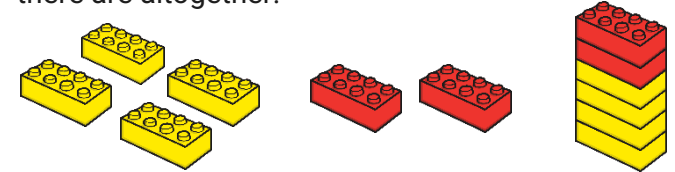


Challenge Yourself:

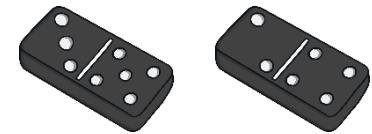
- Find toys or items around the room to place into pairs. Do all the toys have a partner, or are there any odd ones left over that don't make a pair? Can you make pairs with 7 toys? Predict the answer and then check.
- Play a game which involves matching pairs of cards together or helping to match socks from the laundry.

Combining Two Groups

Put two groups together to find out how many there are altogether.



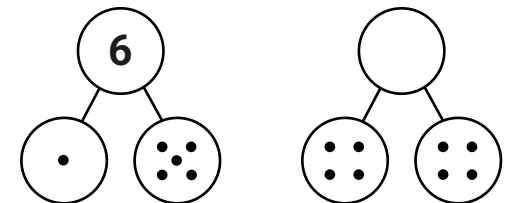
How many spots are on each side of the domino? Try and recognise how many are in each group without counting them (subitising). Then, combine the two groups and find out how many spots each domino piece has altogether.



Which two dice could be put together to make 7?



Talk about what these part-whole models show. Which number is missing?



Challenge Yourself:

- Use both hands to grab a two handfuls of dried pasta. How many pieces are in each hand? Put the two handfuls together. How many pasta pieces are there in total?

