

# Maths Mastery Home Learning Challenge

## Adult Guidance

### What Are We Learning?

We are learning to see if a number is odd or even by sharing between two groups.

### How to Set Up the Challenge

- Collect a group of soft toys to use for the activity. You and your child could do this together.
- Provide two large cardboard boxes for the toy houses.
- Invite children to share the toys between the houses.
- Then, ask them if there is an equal number of toys in the two houses or if there is one toy left over.
- Prompt them to decide if they have an odd or an even number of toys.
- You can repeat this activity with another number of toys.



### How to Get Your Child Thinking

- How many toys are there altogether?
- Do you think this is an odd or an even number?
- How might you find out?
- What happens when you share the toys between the two houses?
- Do you have an equal number in each set or is there a toy left over?
- How can this tell you whether you have an odd or an even number of toys?

# Odd and Even Toys in the House



- How many toys do you have?
- Share them between the two houses and explain what you notice.
- Do you have an equal number in each set or is there a toy left over?
- Explain how you know whether you have an odd or an even number of toys.
- Try this with a different number of toys. What do you find this time?