

Year 3 Multiply and Divide by 3


Lesson Guidance

Learning Outcomes and Glossary

Learning Objective

- Your child will learn how to use their knowledge of the three times table to multiply and divide by three.

Glossary

- Calculation** – A calculation is a way to determine an amount, such as 7×3 or $9 \div 3$. Calculations may involve addition, subtraction, multiplication or division.
- Number Sentence** – A number sentence is a mathematical sentence made up of numbers and symbols, such as $3 + 3 + 3 = 9$.
- Multiple** – In maths, a multiple is the result of multiplying two numbers together. For example, 12 is a multiple of 3 because $3 \times 4 = 12$.
- Array** – An array is a visual representation of a multiplication. For example,  shows 2×3 .

Learning

Video – The Three Times Table

- The aim of this video tutorial is to show children how to write and answer multiplication calculations for the three times table.
- Throughout the video, there are a number of questions for children to answer. You will need to pause the video at these points to allow children time to answer.
- It might be helpful for children to use objects to support them with finding the answers to the calculations. Items such as counters or buttons make useful counting aids.
- After watching the video, children could create their own calculations using the three times table.

Video – Dividing by 3

- The aim of this video tutorial is to show children how to write and answer division calculations for the three times table.
- Throughout the video, there are a number of questions for children to answer. You will need to pause the video at these points to allow children time to answer.
- It might be helpful for children to use objects to support them with finding the answers to the calculations. Items such as sweets, pieces of fruit or cereal make useful counting aids.
- After watching the video, children could write their own division calculations to solve.

Practise

Worksheet

- Complete the worksheet using objects such as sweets or buttons to support counting where needed.

Interactive Game

- There are five questions to answer on this interactive game. Children will demonstrate their knowledge of the three times table by filling in the missing numbers, completing the calculations and choosing the correct representations.