Our Learning Keys

Multiplication and Division B

Maths

Year 3
Spring
Weeks 1-3

Questions

How can you partition a 2-digit number into tens and ones?

What is the product of the tens and the single digit?

How can you show the calculator using place value counters/base 10?

How can you use the place value counters to work out the division?

Do you need to exchange a ten for ones?

Is there a remainder? How do you know?

Vocabulary

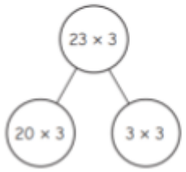
Ones, tens, hundreds, thousands, intervals, base 10, part whole model, equal groups, grouping, sharing, product, multiples, commutability, even, odd.

Images

Work out the multiplications.

32 × 3 | 23 × 2 | 12 × 4 | 41 × 2

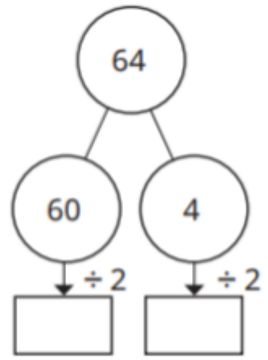
Ron has used a part-whole model to multiply 23 by 3



20 × 3 = 60
3 × 3 = 9
23 × 3 = 69

Tens	Ones
10 10	1
10 10	1
10 10	1
10 10	1

64 ÷ 2 = _____



Facts

- I can recognise multiples of 10
- I know related calculations
- I can reason about multiplication
- Multiply 2 digit by 1 digit without exchange
- Multiply 2 digit by 1 digit with exchange
- Divide 2 digit by 1 digit with no exchange
- Divide 2 digit with flexible partitioning
- Divide with remainders
- I can use a written method to multiply 2 digit by 1 digit

Links

Literacy: Simple sentence structure with stem sentences.

Science: Sorting (Venn diagrams)

Doors this will open...

Project Management

Pilot

Engineer

Previously...

In Year 2, children will have looked at counting in jumps of 2, 3, 5 and 10. They will have looked at halves and doubles.

Year 3
Multiplication and Division

Next...

In Year 4, children will be looking at all multiplication tables. They will be multiplying and dividing 2 digit by 1 digit.