LO: I am learning to multiply 2 digit numbers with 1 digit numbers using exchanging

1.   There are 23 marbles in a jar and there are 2 jars

This can be represented using diennes

Tens	Ones

How many marbles are there in total?

2 × 3 ones = ………....

2 × 2 tens = ………….

………….... +. …………….. = ………....

2 × 23 = …………………….

There are ………………... marbles in total.

2. Work out 2 x 15

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

2 × 5 ones = …………

2 × 1 ten = ………….

…………….. +. …………….. = …………

2 × 15 = …………………….

3. Complete the column multiplications

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

2×4 ones = ...

2×3 tens = ...

$60 + 8$ = ...

34×2 = ...

34 x 2 =

	10s	1s
	3	4
X		2
=		

4. Complete the column multiplications

. **44 x 2 =**

	10s	1s
	4	4
X		2
=		

. **18 x 2 =**

	10s	1s
X		
=		

. **26 x 2 =**

	10s	1s
X		
=		

. **14 x 3 =**

	10s	1s
X		
=		

ANSWERS

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1. There are 23 marbles in a jar and there are 2 jars

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Tens	Ones

How many marbles are there in total?

2 × 3 ones = 6

2 × 2 tens = 40

40 +. 6 = 46

2 × 23 = 46

There are 46 marbles in total.

2. Work out 2 x 15

Tens	Ones

2 × 5 ones = 10

2 × 1 ten = 20

20 +. 10 = 30

2 × 15 = 30

3. Complete the column multiplications

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

2 × 4 ones = 8

2 × 3 tens = 60

60 +. 8 = 28

34 x 2 =

34 × 2 = 68

	10s	1s
	3	4
X		2
=	6	8

4. Complete the column multiplications

. **44 x 2 =**

	10s	1s
	4	4
X		2
=	8	8

. **18 x 2 =**

	10s	1s
	1	8
X		2
=	3	6

. **26 x 2 =**

	10s	1s
	2	6
X		2
=	5	2

. **14 x 3 =**

	10s	1s
	1	4
X		3
=	4	2