LO: I am learning to multiply 2 digit numbers with I 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. Wark out 2 x 15

Tens	Ones
<u> </u>	0000
<u> </u>	00000

3. Complete the column multiplications

Tens	Ones
10 10 10	0000
10 10 10	0000

	10s	1 s
	3	4
X		2
=		

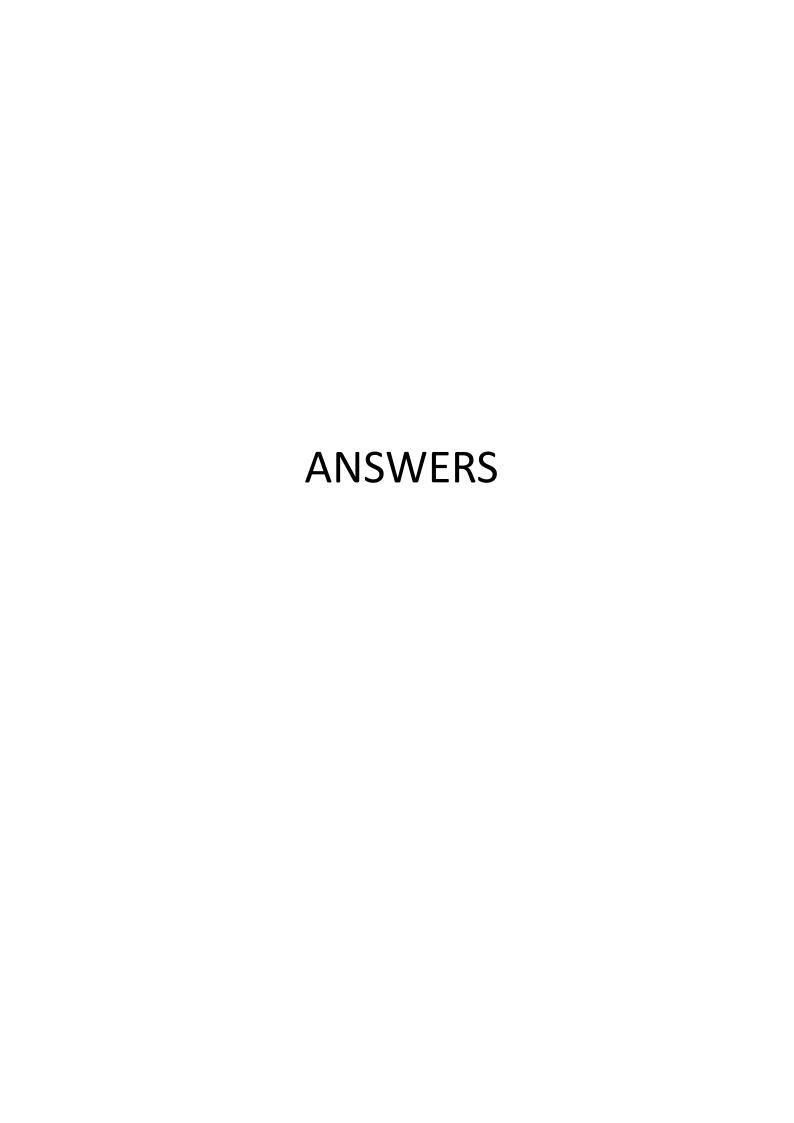
4. Complete the column multiplications

	10s	1s
	4	4
Х		2
=		

	10s	1s
Х		
=		

	10s	1 s
X		

	10s	1 s
Х		
=		



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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?

$$2 \times 3$$
 ones = 6

$$2 \times 2 \text{ tens} = 40$$

$$40 + .6 = 46$$

$$2 \times 23 = 46$$

There are 46 marbles in total.

2. Work out 2 x 15

Tens	Ones
<u> </u>	00000
10	00000

$$2 \times 5$$
 ones = 10

$$2 \times 1 ten = 20$$

$$2 \times 15 = 30$$

3. Complete the column multiplications

Tens	Ones
10 10 10	0000
0000	0000

$$2 \times 4$$
 ones = 8

$$2 \times 3$$
 tens = 60

$$60 + . 8 = 28$$

$$34 \times 2 =$$

$$34 \times 2 = 68$$

	10s	1s
	3	4
Х		2
=	6	8

4. Complete the column multiplications

_	_		_	
1	Q	X	7	_
	C)	А	Z	

	10s	1s
	4	4
Х		2
=	8	8

	10s	1 s
	1	8
х		2
=	3	6

	10s	1s
	2	6
Х		2
=	5	2

	10s	1 s
	1	4
X		3
=	4	2