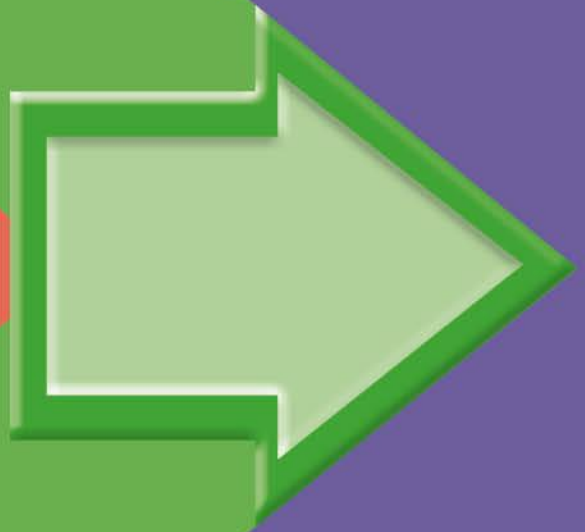
MULTIPLY 3-DIGITS BY 1-DIGIT



White Rose Maths

GET READY

White Rose Maths

1) $2 \times 2 =$

2) $40 \times 2 =$

3) $2 \times 300 =$

4) $342 \times 2 =$

1) $2 \times 2 = 4$

2) $40 \times 2 = 80$

3) $2 \times 300 = 600$

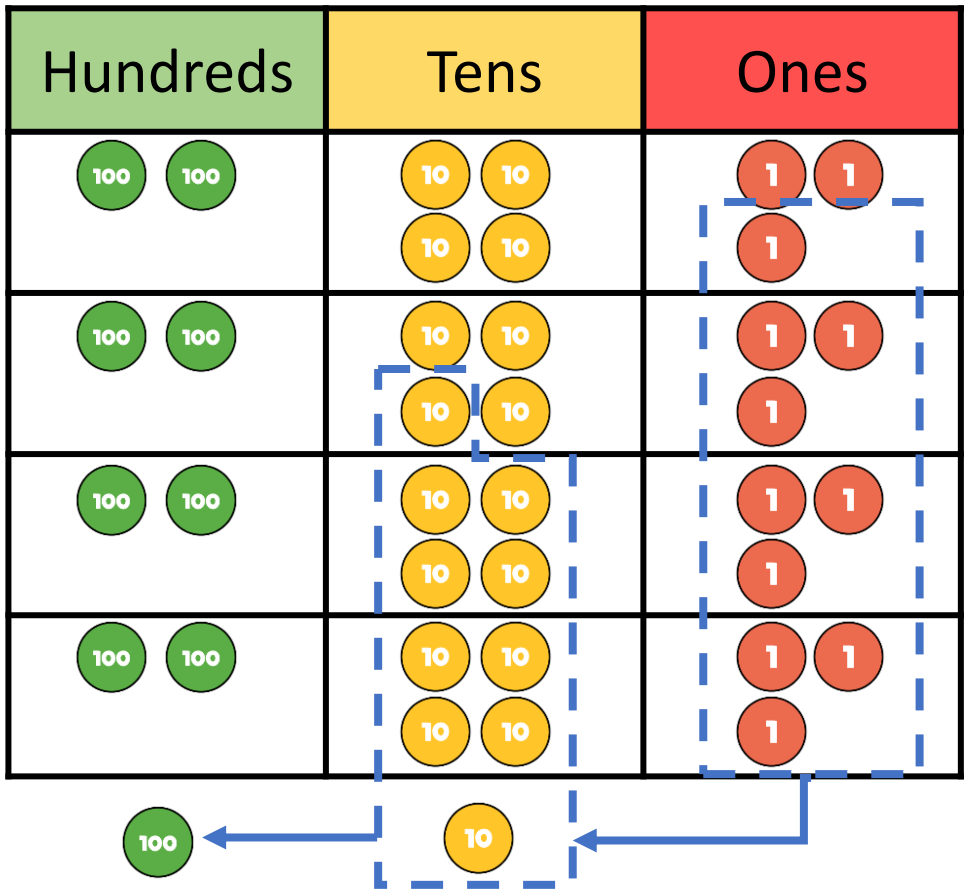
4) $342 \times 2 = 684$

LET'S LEARN

White Rose Maths

243 4 times

$243 \times 4 = 972$

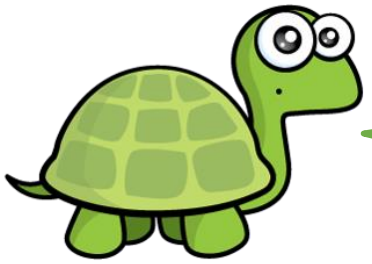


Have a think

$150 \times 3 = 450$

Hundreds	Tens	Ones
100	10 10 10 10 10	
100	10 10 10 10 10	
100	10 10 10 10 10	

100



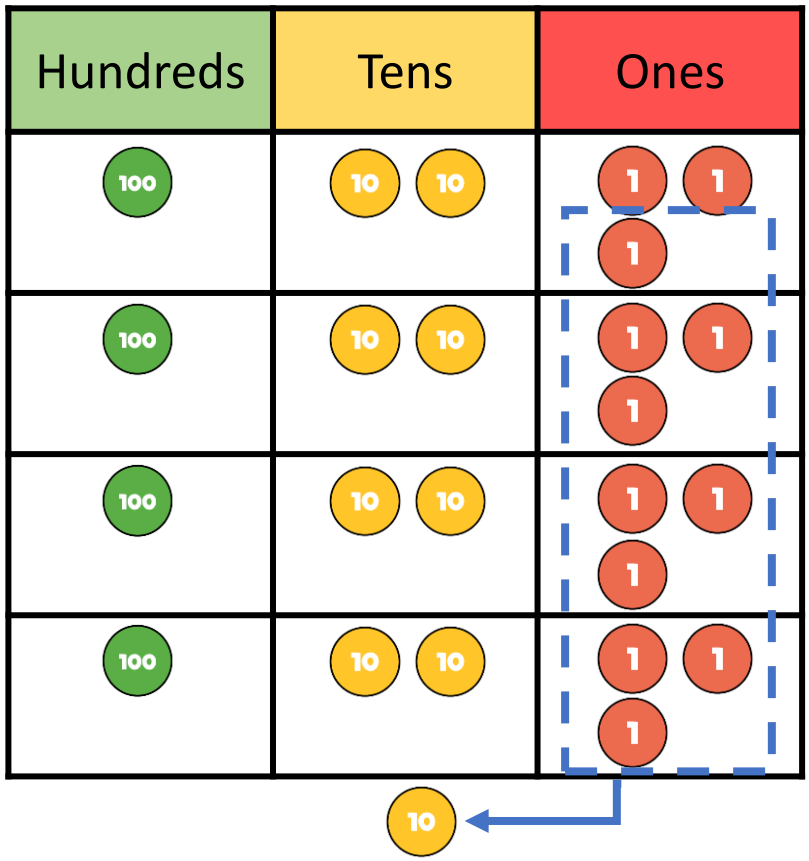
I think the answer is 45

YOUR TURN

Have a go at questions
1 and 2 on the worksheet

White Rose Maths

$123 \times 4 = 492$



	H	T	O	
	1	2	3	
×			4	
		1	2	(3 × 4)
		8	0	(20 × 4)
+	4	0	0	(100 × 4)
	4	9	2	

$123 \times 4 = 492$

Hundreds	Tens	Ones
100	10 10	1 1 1
100	10 10	1 1 1
100	10 10	1 1 1
100	10 10	1 1 1
	10	

	H	T	O
	1	2	3
×			4
	4	9	2
		1	

3 ones × 4 = 12 ones

2 tens × 4 = 8 tens
8 tens + 1 ten = 9 tens

1 hundred × 4 = 4 hundreds

$103 \times 4 = 412$

$3 \times 4 = 12$

$0 \times 4 = 0$

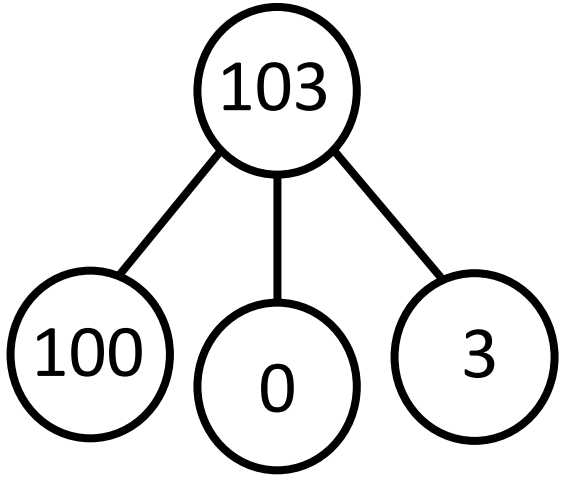
$100 \times 4 = 400$

Hundreds	Tens	Ones
100		1 1 1
100		1 1 1
100		1 1 1
100		1 1 1

10

	H	T	O
	1	0	3
×			4
	4	1	2

1

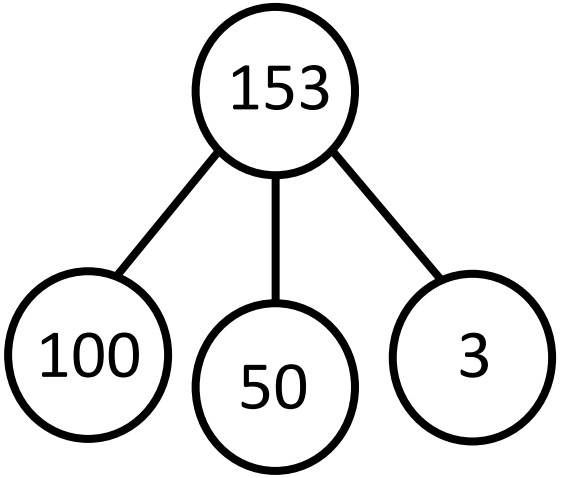


$153 \times 7 = 1{,}071$

$3 \times 7 = 21$

$50 \times 7 = 350$

$100 \times 7 = 700$



	Th	H	T	O
		1	5	3
×				7
	1	0	7	1
		3	2	

5 tens × 7 = 35 tens

35 tens + 2 tens = 37 tens

1 hundred × 7 = 7 hundreds

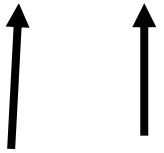
7 hundreds + 3 hundreds = 10 hundreds

YOUR TURN

Have a go at questions 3 - 5 on the worksheet

White Rose Maths

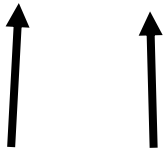
$7 \times 6 = 42$



$147 \times 6 = ?$

The answer will have 2 ones.

$3 \times 2 = 6$

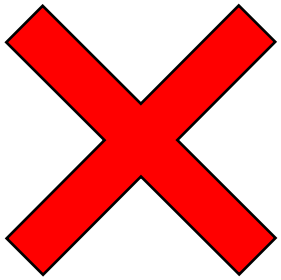


$383 \times 2 = ?$

The answer will have 6 ones.

$250 \times 4 = 1{,}000$

$247 \times 4 = 1{,}088$



The answer must be less than 1,000

YOUR TURN

Have a go at the rest of the questions on the worksheet

White Rose Maths