05.01.21

LO: Multiply 2-digits by 1-digit.

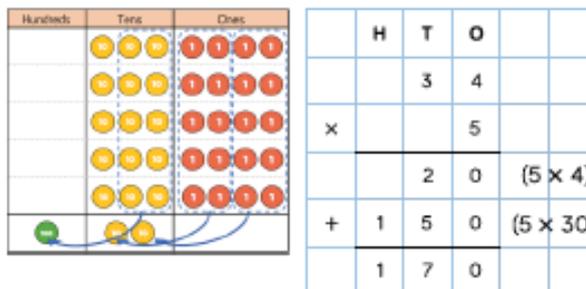# Multiply 2-digits by 1-digit

1 Brett uses a place value chart to work out 5 × 32

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

100 ←   10 ←

Talk about Brett's method with a partner.

Complete the multiplication.

5 × 32 = ☐

Use Brett's method to work out 6 × 34

6 × 34 = ☐

2 Rosie works out 4 × 37 using a written method.

	H	T	O					
		3	7					
×			4					
		2	8		(7	x	4)	
	1	2	0	(3	0	x	4)	
	1	4	8					

Talk about Rosie's method with a partner.

Use Rosie's method to work out 6 × 28

3 Dani uses a different written method to work out 8 × 42

	H	T	O
		4	2
×			8
	3	3	6
		1	

Talk about Dani's method with a partner.

Use Dani's method to work out 3 × 27

4. Use a written method to complete the multiplications.

a) 38 × 6 = ☐

c) 45 × 9 = ☐

b) 71 × 3 = ☐

d) 52 × 5 = ☐

e) 29 × 8 = ☐

f) 17 × 4 = ☐

5. Class 4 is selling tickets for a play.

Tickets cost £5 per person.

56 tickets have been sold so far.

How much money has Class 4 collected?

☐

6. Rosie buys 8 bunches of flowers. Each bunch has 17 flowers.

How many flowers does she have altogether?

☐

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Extension

Think about:

- How are Ron and Whitney's methods the same?

- How are they different?

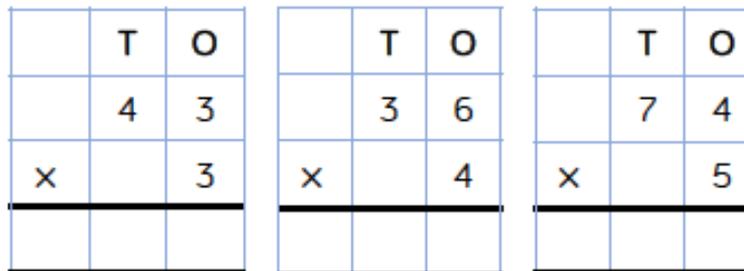Whitney uses place value counters to calculate 5×34

	H	T	O		
		3	4		
×			5		
		2	0		(5×4)
+	1	5	0		(5×30)
	1	7	0		

Use Whitney's method to solve
5×42
23×6
48×3

Ron also uses place value counters to calculate 5×34

	H	T	O	
		3	4	
×			5	
	1	7	0	
	1	2		
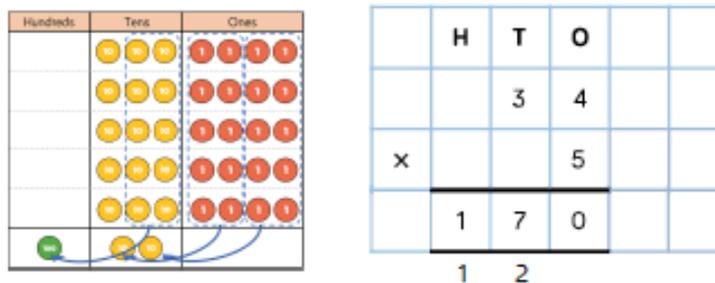
Use Ron's method to complete:

	T	O
	4	3
×		3

	T	O
	3	6
×		4

	T	O
	7	4
×		5

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LO: Multiply 2-digits by 1-digit.

Use your **purple pen**:

Write a list of key things to remember when multiplying using the column method:

- First you start by…

- Next you…

- Then you…

- And finally, you…