

To be able to multiply 2-digit numbers by 1-digit numbers



Starter:

What's the same? What's different?



Explain your answer.



To be able to multiply 2-digit numbers by 1-digit numbers



Activity 1:

Use Base 10 pieces and a place value chart to calculate:

tens	ones

$$3 \times 23 = 69$$

- a) $2 \times 23 =$
- b) $2 \times 32 =$
- c) $3 \times 31 =$
- d) $4 \times 22 =$

To be able to multiply 2-digit numbers by 1-digit numbers



Activity 2:

Complete the calculations so they match the representations within the place value chart below.

tens	ones

$$_ + _ + _ + _ = _$$

$$\square \times \square = \square$$

To be able to multiply 2-digit numbers by 1-digit numbers



Activity 3:

Use a place value chart and counters to help you complete the calculations below:

tens	ones

		T	O
		3	2
	x		2

		T	O
		3	4
	x		2

		T	O
		4	3
	x		2

To be able to multiply 2-digit numbers by 1-digit numbers



Activity 4:

Ruth has made a mistake.

What has she done wrong?

Explain what she should have done.

	H	T	O
		3	4
	x		2
	6	0	8

To be able to multiply 2-digit numbers by 1-digit numbers



Activity 5:

James has made a mistake.

What has he done wrong?


Explain what he should have done.

		T	O
		3	4
	x		2
			8
	+		6
		1	4
		1	

To be able to multiply 2-digit numbers by 1-digit numbers



Evaluation:



A small, colorful cartoon robot with a green body, a blue head, and a red antenna is positioned to the left of a large white speech bubble. The robot has a friendly expression with large eyes and a small smile.

$$2 \times 33 = 22 \times 3$$

Is Astrobee's statement true or false?
Explain your answer.