Wednesday's Maths Sheet

Learning Objective: Multiply 3 digit x 2 digit

Please complete at least 5 minutes on Times Tables Rockstars

Watch the video before our class Zoom and complete this sheet after Wednesday's Zoom.

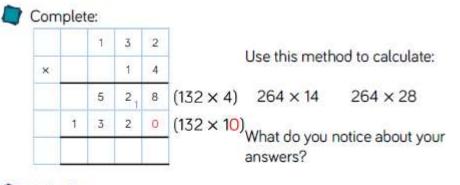
Maths Talk

Why is the zero important?

What numbers are being multiplied in the first line and the second line of the calculation below?

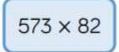
When do we need to make an exchange?





Calculate:





Reasoning and Problem Solving

Here are examples of Dexter's maths work.

22 ×111 =2442 23 ×111 =2553 24 ×111 =2664

What do you think the answer to 25 ×111 will be? What do you notice? Does this always work?

			9	8	7				3	2	4
×				7	6	×				7	8
		5	6 ⁹	₄ 2	2			2	5	9	2
		6	69	40	9		2	12	26	8	0
	1	,2	в	,3	1			3	2	7	2

He has made a mistake in each question.

Can you spot it and explain why it's wrong?

Correct each calculation.

Reasoning and Problem Solving Answers

2.The pattern stops at up to 28 \times 111 because exchanges need to take place in the addition step.

3.In his first calculation, Dexter has forgotten to use a zero when multiplying by 7 tens. It should have been $987 \times 76 = 75,012$ In the second calculation, Dexter has not included his final exchanges. $324 \times 8 = 2,592$ $324 \times 70 = 22,680$ The final answer should have been 25,272