Multiplying by 3-digits by 1-digit.

Today we are going to multiply 3-digits by 1-digit. Please look at the INPUT PDF and complete the warm up activities.

Task 1: Complete the calculation to match each image.

a)

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

		H	T	O
		2	3	3
×				3

b)

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

	H	T	O
×			

c)

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

		H	T	O
×				

d)

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

		H	T	O
×				

Task 2: Use column multiplication to find the answer to these calculations.

458 × 6 = ☐

		H	T	O	
×					

981 × 3 = ☐

		H	T	O	
×					

5 × 670 = ☐

		H	T	O	
×					

2 × 808 = ☐

		H	T	O	
×					

Task 3: Challenge: Which of these calculations is nearest 5000? Prove it and explain how you now.

453 × 9 = ☐

499 × 8 = ☐

851 × 6 = ☐

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