

Name: _____ Date: _____

Multiplying ThHTO x 0

- Use the formal written method of short multiplication to calculate ThHTO x 0
- Estimate and check the answer to a calculation

Challenge 1

Complete each multiplication fact by writing the missing number.

a $8 \times 9 = \square$

b $\square \times 7 = 63$

c $8 \times 30 = \square$

d $9 \times \square = 108$

e $4 \times \square = 240$

f $70 \times \square = 420$

g $6 \times \square = 540$

h $\square \times 8 = 72$

i $\square \times 80 = 480$

j $90 \times \square = 450$

k $7 \times \square = 770$

l $60 \times \square = 360$

Challenge 2

- Find the approximate answer to each calculation.
- Work out the answer to each calculation using the formal written method of short multiplication.

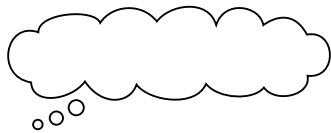
Example

$5273 \times 7 \rightarrow$

$5000 \times 7 = 35\ 000$

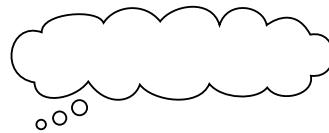
	TTh	Th	H	T	O
		5	2	7	3
x	1	5	2	7	
	3	6	9	1	1

a $4735 \times 4 \rightarrow$



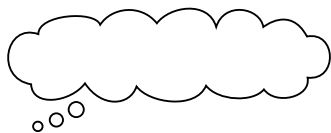
	TTh	Th	H	T	O
x					

b $6573 \times 9 \rightarrow$



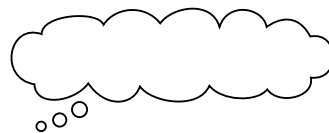
	TTh	Th	H	T	O
x					

c $5947 \times 6 \rightarrow$



	TTh	Th	H	T	O
x					

d $3764 \times 8 \rightarrow$



	TTh	Th	H	T	O
x					

Challenge 3

Write a word problem for each calculation. Then work out the answer.

a $6387 \times 6 =$

b $3579 \times 9 =$



Choose two of the calculations in Challenge 2. Explain to an adult your strategies for working out the answers.