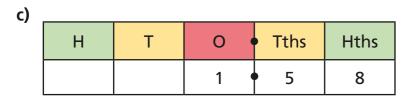
Multiplying decimals by 10, 100 and 1,000



Complete the multiplications.

~)								
a)	Н	Т	0 4	Tths	Hths			
			3 (7				



What do you notice when you multiply a number by 10?

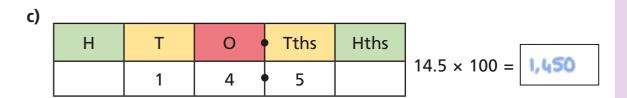


2 Complete the multiplications.

Complete the multiplications.

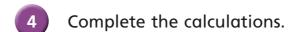
a)	Н	Т	0	Tths	Hths
			4	1	

b)						1
	Н	Т	0 •	Tths		
			4	1	5	4.15 × 100 = 415

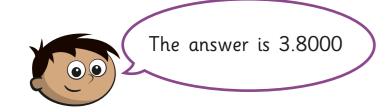


d)				1		1	
	Н	Т	0	Tths	Hths		
			4	0	5	4.05 × 100 =	405

What do you notice when you multiply a number by 100?



Amir has multiplied 3.8 by 1,000



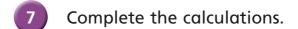
a) What mistake has Amir made?

He has just added zeros.

b) Work out the correct answer.

6 Complete the multiplications.

How did you work out the answers? Talk to a partner.



8 Tommy is 1.4 m tall.

A tree is 10 times as tall as Tommy.

A building is 100 times as tall as Tommy.

b) How much taller is the building than the tree?

9 Match the multiplications to the descriptions.

