## Multiplying decimals by 10, 100 and 1,000



Complete the multiplications.

a)	Н	Т	0	Tths	Hths
			3	7	

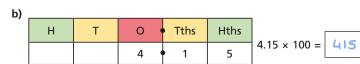
What do you notice when you multiply a number by 10?

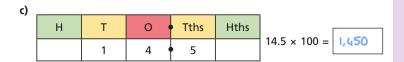


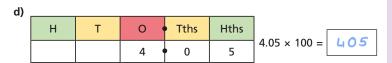
Complete the multiplications.

Complete the multiplications.

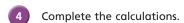
a)							
ω,	Н	Т	0 •	Tths	Hths		
			4	1			





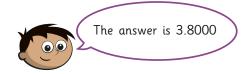


What do you notice when you multiply a number by 100?



a) 
$$7.2 \times 100 = 720$$

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.

7 Complete the calculations.

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.

14 m

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

Match the multiplications to the descriptions.

