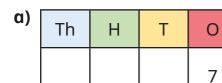
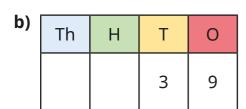
Multiply by 10, 100 and 1,000

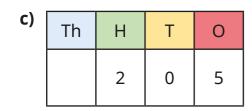


1 Complete the multiplications.

You may use the place value charts to help you.



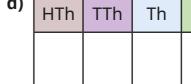




d) What happens to the digits when you multiply by 10?

2 Complete the multiplication sentences.

Multiply each number by 100 and then by 1,000 You may use the place value charts to help you.



b)	HTh	TTh	Th	Н	Т	0
					1	6

:)	HTh	TTh	Th	Н	Т	0
				2	4	5

d) Explain to a partner how you multiply a number by 100 Ask them to explain how to multiply by 1,000





- Write <, > or = to make the statements true.
 - a) 78 × 10 () 78 × 100
 - **b)** 100×56 $\left(\right)$ 65×100
 - **c)** 930 × 10 () 100 × 93
 - **d)** 1,000 × 482 () 482 × 100

6



Is Whitney correct? _____

Explain how you know.

7 Complete the multiplication sentences.

- a) 52 × = 5,200
- **f)** × 370 = 3,700
- **b)** 95 × = 950
- g) × 100 = 8,200
- **c)** 136 × = 1,360
- h) × 100 = 82,000
- **d)** 272 × = 272,000
- i) × 10 = 39,000
- **e)** 6,200 = × 62
- j) 1,000 × = 80,000

8 Ron and Dani have paper rounds.

Ron delivers 75 papers a month.

Dani delivers 10 times as many papers a month as Ron.

How many papers do they deliver altogether?



- 9 Mrs Hall owns a bookshop.
 - In January, she sold 145 books.
 - In February, she sold 10 times as many books.
 - In March, she sold 10 times as many books as in February.

How many books did Mrs Hall sell in March?

Show your workings.

Compare answers with a partner.	

- 10 Amir thinks of a number.
 - He multiplies the number by 100
 - The answer has the same digit in the thousands and hundreds columns.
 - The total of all the digits is 8

What could the number be?



