Divide by 10, 100 and 1,000

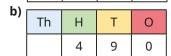


1 Work out the divisions.

You may use the place value charts to help you.

~1				
a)	Th	Н	Т	0
			6	0

c)	Th	Н	Т	0	1 400 . 40
	1	4	9	0	1,490 ÷ 10



- **d)** What happens to the digits when you divide a number by 10?
- Complete the division sentences.

d) =
$$1,460 \div 10$$

3 Work out the divisions. Use the place value charts to help you.



(a) HTh TTh Th H T O 9 0 0

h) HTh TTh Th H T O

c) HTh TTh Th H T O 9 0 0 0

 HTh
 TTh
 Th
 H
 T
 O

 7
 6
 8
 0
 0
 0

e) Explain to a partner how to divide a number by 100. Ask them to explain to you how to divide a number by 1,000



4 Complete the division sentences.

c)
$$\div 10 = 76$$

d)
$$\div 1,000 = 30$$

Complete the table.

Number	Number divided by 10	Number divided by 100	Number divided by 1,000
65,000			
	7,200		
		3,500	

6 Write <, > or = to make the statements true.

Divide by 10, 100 and 1,000



- 4 Complete the division sentences.
 - **a)** 4,500 ÷ 10 =
- c) $\div 10 = 76$
- 62,000 ÷ 10 =
- ÷ 100 = 76
- 739,300 ÷ 10 =
- ÷ 1,000 = 76
- **b)** 4,500 ÷ 100 =
- **d)** \div 1,000 = 30
- 62,000 ÷ 100 =
- ÷ 1,000 = 300
- 739,300 ÷ 100 =
- ÷ 1,000 = 3,000

5 Complete the table.

Number	Number divided by 10	Number divided by 100	Number divided by 1,000
65,000			
	7,200		
		3,500	

- 6 Write <, > or = to make the statements true.
 - **a)** 4,900 ÷ 10
- 4,900 ÷ 100
 - **b)** 56,000 ÷ 100
-) 65,000 ÷ 100
- **c)** 93,000 ÷ 1,000
- 9,300 ÷ 100
- **d)** 5,700 ÷ 100
-) 5,700 ÷ 1,000

- 7 Complete the sentences.
 - a) Dividing a number by 10 and then by 10 again is the same as ...
 - **b)** Dividing a number by 1,000 is the same as dividing by 10 and then \dots

Compare answers with a partner.



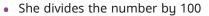
8 In 2019, 568,000 houses were built.

In 2018, 10 times fewer houses were built than in 2019

In 2017, 100 times fewer houses were built than in 2019

- a) How many houses were built in 2018?
- **b)** How many houses were built in 2017?
- c) How many houses were built between 2017 and 2019?





- The answer has one more in the hundreds column than in the tens column.
- The total of the digits is 15

What could the number be?

How many different answers can you find?





