

# Divide a 1 or 2-digit number by 100

Rosie uses a place value chart to divide 21 by 100

She divides it first by 10, and then by 10 again.

T	O	Tths	Hths
●●	●		

÷ 10

T	O	Tths	Hths
	●●	●	

÷ 10

T	O	Tths	Hths
		●●	●

$21 \div 10 = 2.1$   
 $2.1 \div 10 = 0.21$   
 So  $21 \div 100 = 0.21$

Use Rosie's method to work out the divisions.

$26 \div 100$	$52 \div 100$	$4 \div 100$
$35 \div 100$	$78 \div 100$	$9 \div 100$

What do you notice about the divisions and the answers?

Here is a 2-digit number on a place value chart.

T	O	Tths	Hths
7	2		

► Complete the sentences.

When dividing by 100, move the digits two places to the \_\_\_\_\_

$72 \div 100 = \underline{\hspace{2cm}}$

► Use this method to fill in the missing numbers.

$82 \div 100 = \underline{\hspace{2cm}}$

$\underline{\hspace{2cm}} = 93 \div 100$

$0.23 = \underline{\hspace{2cm}} \div 100$

Write <, > or = to complete the statements.

$99 \div 100$  ○  $100 \div 100$

$86 \div 100$  ○  $26 \div 10$

$4 \div 10$  ○  $50 \div 100$

$24 \div 6$  ○  $40 \div 100$