

Placing Points

You need: a calculator

ACTIVITY ONE

Try each instruction on your calculator. Record the number in the display at the end. (Note that on some brands of calculator, you need to enter $10 \div \div$ number $= = \dots$)

1.

	Enter:	Push:
a.	7436	$\div 10 = = =$
b.	528	$\div 10 = =$
c.	59	$\div 10 = = = = =$
d.	38.4	$\div 10 = = = =$

Each time I push the $=$, I'm dividing by 10.



2. Explain what happens to a number when it is divided by 10.

ACTIVITY TWO

Try to predict the final number in the display before you key each instruction into your calculator. (Remember that on some brands of calculator, you need to enter 100 or 1 000 $\div \div$ number $=$.)

	Enter:	Push:
a.	8235	$\div 100 =$
b.	7.84	$\div 100 =$
c.	9.46	$\div 1\ 000 =$





ACTIVITY THREE

Using only the keys \times , \div , 1, 0, and $=$, change the displays on the left to the displays on the right. Use the smallest number of pushes you can.

	Enter:	Change to:
a.	54.83	5.483
b.	77.7	7770
c.	9.468	0.09468
d.	116.42	1.1642



ACTIVITY FOUR

The following changes were made using the \times , \div , 5, and $=$ keys no more than twice each. What was entered to make each change?

	Enter:	Changed to:
a.	48.6	243
b.	3210	642
c.	0.2	5
d.	1	0.04

