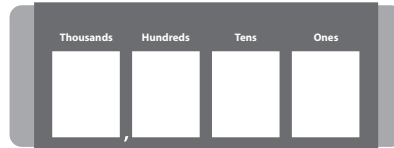


# Place Value Slider

The Place Value Slider is write-on/wipe-off, for use with standard dry-erase markers. Slide the ruler to graphically show the effects of multiplying and dividing by the powers of ten.

Available in 4-value whole number, 7-value whole number, and 4-digit decimals

## Ones to Thousands Slider in the “Starting” Position

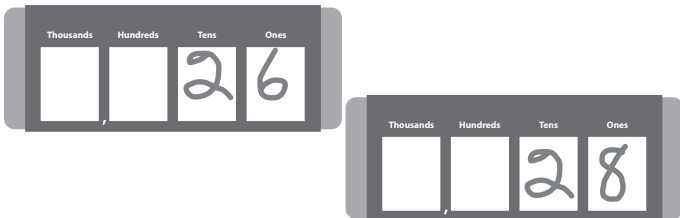


## Whole Number Sliders

### Grade 1 – Compare 2-Digit Numbers

Using the 4-value **Ones to Thousands Slider**

Place slider in the starting position. Ask students to write the number “2” in the Tens window and any number they can think of in the Ones window. Now ask students to work in groups of 4 and put the sliders on a desk in ascending order. You can then use any other numbers in the Tens and Ones windows.



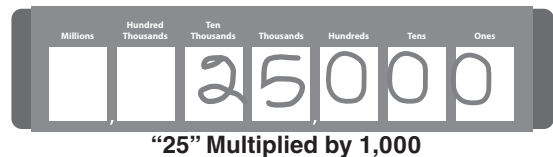
### Grade 2 – Add 10 or 100 to a Number

Begin in starting position. Ask students to write any 1-digit number in the Ones window. Ask them to show the number they get when adding 10, when adding 100, when adding 200, etc.

### Grade 4 – Multiply and Divide by the

**Powers of Ten** Using the 7-value **Ones to Millions Slider**

Place slider in the starting position. Ask students to write any number (1 to 3 digits) in the appropriate windows. Ask them to show the effects of multiplying by 10, multiplying by 100, etc. Encourage them to add zeros.



Erase the numbers from the insert. Begin again in the starting position. Ask students to write any 2-digit number starting from the far left. Ask them to show the effects of dividing by ten.

## Decimal Sliders

### Grade 5 – Read, Write, and Compare Decimals to Thousandths

Begin in starting position. Ask students to write the number “5” in the ones window. Ask them to show the number they get when dividing by 10, when dividing by 100, when dividing by 1,000, etc.

