

N6.1

N6.1 Exploring Large Numbers with *The Guinness Book of World Records*

Need: copies of *The Guinness Book of World Records*, partners, place value charts, *Math Journal*

STEP ONE: Each partner looks through a copy of *The Guinness Book of World Records* to complete a chart like the following in their individual *Math Journal*:

<i>Guinness Book of World Records</i> Year:	Page Number	Large number found:

STEP TWO: Partner One reads their list, one large number at a time, to Partner Two. Partner Two records the large numbers in a place-value chart in their *Math Journal*. Partner One checks the numbers. Switch turns.

Place Value Chart

Millions Period			Thousands Period			Units Period		
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones

STEP THREE: Partners then work together. Choose a larger number and show the number in as many ways as you can in your *Math Journal*. This may include:

- Standard form (3 159 119)
- Expanded form ($3\,000\,000 + 100\,000 + 50\,000 + 9\,000 + 100 + 10 + 9$)
- number-word form (3 million 159 thousand 119)

STEP FOUR: Repeat step three with as many numbers as you can.