**Grade: 4 Unit: 4 Divide by 1-Digit Numbers**

### **Critical Area:** Developing understanding and fluency with multi-digit multiplication and developing understanding of dividing to find quotients involving multi-digit dividends.

***Standards Addressed:*** *4.OA.3, 4.NBT.1, 4.NBT.6*

### **Focus Mathematical Practices:**

* MP.2 Reason abstractly and quantitatively.
* MP.4 Model with mathematics.

To be completed on or about:

|  |  |  |
| --- | --- | --- |
| Prerequisites | Targets | Extensions |
| Prior Learning:Last year students used place value to round to nearest 10 or 100 and fluently add and subtract to 1000. | Find whole-number quotients and remainders with up to four-digit dividends and one-digit divisors, using strategies based on;* place value,
* the properties of operations,
* the relationship between multiplication and division.

Illustrate and explain the calculation by using equations, rectangular arrays, and/or area models. |  |
|  | Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding. |  |