**MFANSQ1.** **Students will analyze number relationships.**

1. Solve multi-step real world problems, analyzing the relationships between all four operations. *For example, understand division as an unknown-factor problem in order to solve problems.* K*nowing that 50 x 40 = 2000 helps students determine how many boxes of cupcakes they will need in order to ship 2000 cupcakes in boxes that hold 40 cupcakes each.* (MCC3.OA.6, MCC4.OA.3)
2. Understand a fraction a/b as a multiple of 1/b. (MCC4.NF.4)
3. Explain patterns in the placement of decimal points when multiplying or dividing by powers of ten. (MCC5.NBT.2)
4. Compare fractions and decimals to the thousandths place. *For fractions, use strategies other than cross multiplication. For example, locating the fractions on a number line or using benchmark fractions to reason about relative size. For decimals, use place value.* (MCC4.NF.2;MCC5.NBT.3,4)

Analyze the standard above. Refer to the Elementary Reference Standards for clarification.

|  |  |  |  |
| --- | --- | --- | --- |
| **Key Terms:** | **Actions/Verbs:** | | **Strategies:** |
| **Manipulatives/Tools Needed:** | | **Additional Information:** | |