OPERATIONS AND ALGEBRAIC THINKING

NC.4.OA.1	Interpret a multiplication equation as a comparison. Multiply or divide to solve word problems involving multiplicative comparisons using models and equations with a symbol for the unknown number. Distinguish multiplicative comparison from additive comparison.
DESCRIPTION	An anchor chart is a great way to help students see scenarios where the unknown portion of the problem changes and how the required math changes as a result.



OPERATIONS AND ALGEBRAIC THINKING

NC.4.OA.1	Interpret a multiplication equation as a comparison. Multiply or divide to solve word problems involving multiplicative comparisons using models and equations with a symbol for the unknown number. Distinguish multiplicative comparison from additive comparison.
DESCRIPTION	An anchor chart uses bar models to help students make sense of word problems so that they can identify the unknown and the action required to find its value.

Multiplicative Comparisons Multiply or Divide?
Tom ran 4 lops around the football field Sam ran 5 times as many laps as around as Tom. How many laps did Sam run? 4×5=2014
Sam: Haps 4 haps 4 haps 4 haps 4 haps Sam: Haps 4 haps 4 haps 4 haps Small Part Unknown A family size pizza is 29 and costs 3 times as much as a small pizza thus much does a small pizza cost? 24-3=18
Family Size Pizza: 8 8 8 429 <u>Multiplier Unknown</u> A single rose cost 3 and a bunch of roses A single rose cost 3 and a bunch does the bunch
Costs till than the single rose? Single Rose $\begin{bmatrix} 3 \\ 2 \\ 3 \\ 3 \\ 2 \\ 3 \\ 3 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 5$