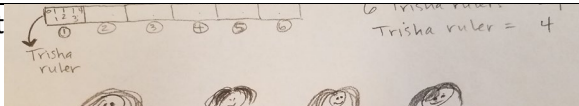
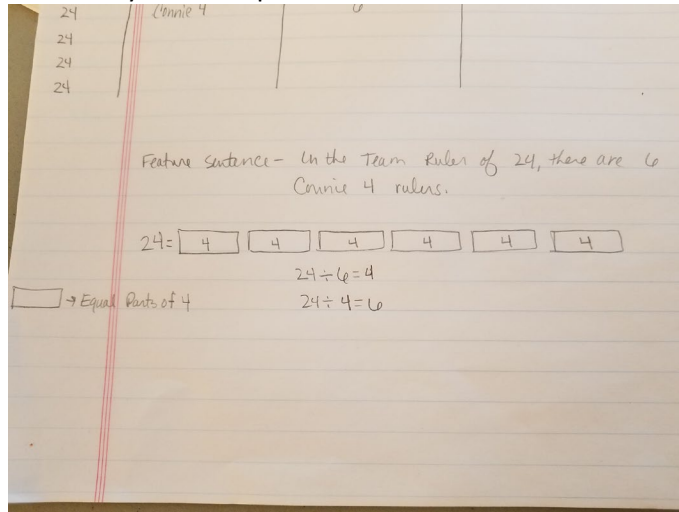


Math Lesson

Lesson Title: Team Ruler Grade: 3						
Content Standard: 3.OA.2 Interpret whole-number quotients of whole numbers, e.g., interpret $56 \div 8$ as the number of objects in each share when 56 objects are partitioned equally into 8 shares, or as a number of shares when 56 objects are partitioned into equal shares of 8 objects each. For example, describe a context in which a number of shares or a number of groups can be expressed as $56 \div 8$.						
Materials: lined chart paper, long sentence strips, short sentence strips, data sheet https://mansfield.osu.edu/assets/mansfield/initiatives/MLI/thirdGrade/dataSheetTeamRuler-Grade3.docx						
Shared Experience and procedure details: Set up: Teacher creates sentence strips with equal units (for example 24). In small groups (2-4 per group), each child in the group will create a smaller ruler (example from 1-12) to compare to the teacher created ruler (team ruler). The smaller ruler's units must equal the teacher created ruler. The smaller ruler will be named (ex. Trisha 2 ruler, Connie 4 ruler). Teacher may need to demonstrate how to make the smaller ruler. The smaller ruler will be used to answer this question: How many small rulers are there in your team ruler? The children will work together to find the number of equal groups, filling out the data sheet as they work. <table><tr><th>Team Ruler</th><th>Ruler Name</th><th>How many of your rulers are in the team ruler? (see attached data sheet)</th></tr><tr><td></td><td></td><td></td></tr></table>	Team Ruler	Ruler Name	How many of your rulers are in the team ruler? (see attached data sheet)			
Team Ruler	Ruler Name	How many of your rulers are in the team ruler? (see attached data sheet)				
Possible Pict 						
Possible People Talk:						
Feature Talk: factor, ruler, divide, multiply, equal parts, data sheet, 24, sentence strips, measure, small, big, how many, compare, cut, fold, move, precision, parts, product, number						
Feature Sentence: Connie4 has 6 equal parts in the team ruler of 24. In team ruler of 24, there are 6 Connie4 rulers.						

Math Lesson

Possible Symbolic Representation:



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