

Guided Math: Unit 4, Lesson 8

Essential Question

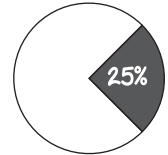
How can grouping numbers different ways help us solve math problems

Lesson Objective

Add up to four two-digit numbers using mental strategies and algorithms based on properties of operations.

Column Regrouping

Today we will add two-digit numbers in the traditional way. Introduce the column regrouping poster. Take students through it slowly step by step. Have them write what is happening on their own whiteboards, if this will help them understand. Continue this process on the blank poster to model for students as they write the problems with you on their own whiteboards. Repeat 3-5 times. If students are confused, stop and wait for small group so you can help them get on the right track.



Lesson Discussion Questions

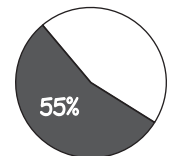
Today we will add with regrouping. We will try doing it without the base ten blocks. Can you tell me where ones will go? Where are the tens?

Materials

- Column Regrouping poster
- Blank Column Regrouping poster
- Equation strips
- Solve and Sort blackline master
- Dry-erase markers
- Base ten blocks (ones and tens)
- Whiteboards (optional)

Small-Group Lesson

Always support students with manipulatives if they need them. Review the whole-group lesson and work through 2-3 equations together in small group. Then let students try an equation strip as you watch and assist them.



Remediate

Teacher and students work together to regroup and solve. Use manipulatives as long as needed.

On Level

Monitor and assist as needed. Allow students to do blackline master if ready. Do not rush into it.

Enrich

Monitor and assist. As an extension to the equation strips, students can do the blackline master.