HOW MUCH DOES SOAP COST?

A division lesson

Episode 208: Snappy and Blossom Go Shopping
3rd Grade

Georgia Performance Standards

- M3N4c Recognize problem-solving situations in which division may be applied and write corresponding mathematical expressions
- M3N4d Explain the meaning of a remainder in division in different circumstances
- M3N4e Divide a 2 and 3-digit number by a 1-digit divisor
- M3N4f Solve problems requiring division

Objective

- The students will determine how much each bar of soap costs if three of them together cost $5.99.

Materials

- TV/VCR or Computer/LCD Projector
- Video *Count On It!* 208
- Paper, pencils
- A variety of manipulatives

Procedure

Opening

- View *Count On It!* 208 clip "Soap" (VHS 14:09 – 14:57).
- Pose the question, if Snappy and Blossom bought the soap for Robbie, how much would each bar cost if all three cost $5.99?

Work time

- Allow students to work alone, in pairs, or in groups of three to come up with an answer.
- Students may use any manipulatives available to them to figure it out.
- Students should be able to explain how they came up with their answer verbally and in writing.

Closing

- Choose several students to share with the class how they came up with their answers. You may wish to choose someone with an incorrect answer if you saw that several students were making the same mistake. As he explains it and the class helps him to realize that his response has errors, let him correct his mistakes as he shares.
- Students not sharing should be able to ask questions of those sharing, such as, "I had 30¢ left over, how did you only have a penny?" Or, "I didn't do the

math when I divided. I drew pictures. Could you explain how you did it using math?”

Assessment

- Teacher observation/documentation on student rubric used by your school/county during work time and closing (sample rubric can be found on our website) checking for understanding of the meaning of a remainder, being able to divide 2 and 3-digit dividend with a 1-digit divisor, and whether they were able to correctly solve the division problem