

MARTA PRICING OPTIONS
Problem solving**Episode 216:** Blossom and Snappy GO GO GO!!
3rd Grade**Georgia Performance Standards**

- M3N5c Recognize problem-solving situations in which division may be applied and write corresponding mathematical expressions
- M3N5f Solve problems requiring division
- M3P1a Solve non-routine word problems using the strategy of logical reasoning as well as all strategies learned in previous grades
- M3P1c Determine the operation(s) needed to solve a problem

Objectives

- The students will figure out which Marta deal is the best.
- The students will come up with an example for each of the Marta deals, as to why it would be the best way to pay for some people.

Materials

- TV/VCR or Computer/LCD Projector
- Video *Count On It!* 216
- Pencils and paper

Procedure*Opening*

- View *Count On It!* 216 clip “Package Deals” (VHS 8:29 – 10:20)
- Pose the following task:

It costs \$1.50 if you pay for a token each time you ride Marta. It costs \$12.00 for a weekly unlimited pass. And it costs \$45.00 for a monthly unlimited pass. Which is the best deal? Should everyone choose that deal? What are some reasons why some people would choose one of the other deals? Explain your thinking and show your work.

Work time

- Students work to figure out solutions to the task.
- Teacher monitors class to make sure students are explaining their thinking on paper and showing how they came up with their answers.

Closing

- Choose a few students to share their answers with the class.
- The students who are listening may ask thoughtful questions.

Assessment

- Assess the work for mathematical accuracy as well as having shown work and explained thinking process.
- Teacher observation/documentation on student rubric used by your school/county during work time and closing (sample rubric can be found on our website)