

## HOW SHOULD ROBBIE GET TO WORK?

Multiplication

**Episode 216:** Blossom and Snappy GO GO GO!!

**3<sup>rd</sup> Grade**

### Georgia Performance Standards

- M3N3g Solve problems requiring multiplication
- 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

### Objective

- The students will determine whether Robbie should take a Marta train to work or drive, given certain information.

### Materials

- TV/VCR or Computer/LCD
- Video *Count On It!* 216
- Any manipulatives necessary to solve the problem
- Pencils and paper

### Procedure

#### *Opening*

- View *Count On It!* 216 clip “Price of Marta” (VHS 4:08 – 5:21).
- Pose the following task to your students:

#### Taking Marta

Robbie lives  $\frac{1}{2}$  away from the Marta station and would have to walk there. Marta costs \$1.50 one way every time you get on it. Sometimes, Robbie would have to wait up to 15 minutes for the next train. The train ride itself is about 40 minutes. The Marta station where Robbie works is  $\frac{1}{2}$  mile away from her school.

#### Driving a Car

It takes Robbie 20 minutes to drive to school. It costs \$20 a week to fill up her gas tank.

#### *Work time*

- Students figure out whether Robbie should take Marta or drive to school.
- Students must document their work and be able to verbally explain their reasoning.

### *Closing*

- Choose several students to share their work.
- The rest of the class may ask thoughtful questions to spark conversation.

### **Assessment**

- Graded work
- Possible journal entry