Math 7, Unit 2:
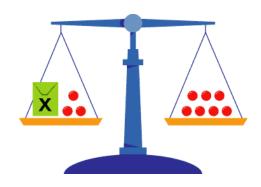## *Expressions & Equations*

Our Learning Goals:

We will...

- ✓ Identify and apply properties of operations.
- ✓ Understand the importance of and procedures for setting up and solving 2-step equations.

Why do we study this?

- ❖ When we shop with a budget and need to purchase 2 shirts and a specific pair of shoes, we can set up a simple two-step equation to calculate the maximum cost of each shirt.

How we will show what we have learned...

Formative Assessments	Summative Assessments
Ongoing formative assessments during lesson and homework activities will help in monitoring learning and providing feedback for students.	Summative assessments to measure learning at the end of concepts may include the following: • 2-Step Equations Test(s) • Unit 2 Exam (District-wide)

Sample Problem:

Ben has $30. He buys pens that cost $2.50 each, until he has only $10 left. If x represents the number of pens purchased by Ben, this situation can be represented by the equation $30 - 2.50x = 10$. How many pens did Ben buy?

Additional Support:

- Check the teacher web page for notes, activities, and assignments.
- Search the topic on the web. We recommend using Khan Academy. www.emsisd.com/khan
- Attend tutorials.

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Curriculum and Instruction

Questions? Please contact your 7th grade math teacher.

--Your EM-S ISD 7th Grade Math Team