

Implementing Common Core Standards

CCSS.Math.Content.4.OA.A.3 Solve multistep word problems posed with whole numbers and having whole-number answers using the four operations, including problems in which remainders must be interpreted. Represent these problems using equations with a letter standing for the unknown quantity. Assess the reasonableness of answers using mental computation and estimation strategies including rounding.

Multistep word problems, place value and the four operations is the foundation and basis for many math problems that students will encounter. Students should be able to communicate about the reasonableness of their answer and how they found their answer.

CCSS.ELA-Literacy.W.4.1b Provide reasons that are supported by facts and details

Students should be able to work out multistep problems and explain step-by-step what they did to solve each part of the problem

CCSS.ELA-Literacy.W.4.2b Develop the topic with facts, definitions, concrete details, quotations, or other information and examples related to the topic

This writing standard connects to math because it has students developing their mathematical knowledge using explicit examples and details. By mastering this standard, students are able to demonstrate a true understanding of the mathematical topic.

CCSS.ELA-Literacy.W.4.2d Use precise language and domain-specific vocabulary to inform about or explain the topic.

This standard calls for students to use mathematically rich vocabulary when explaining their work. It holds students accountable for using accurate words mathematics when talking about how they solved problems.