

## Story of Units 5<sup>th</sup> Grade Application Problems

### Module 1

#### **Lesson 1**

Farmer Jim keeps 12 hens in every coop. If Farmer Jim has 20 coops, how many hens does he have in all? If every hen lays 9 eggs on Monday, how many eggs will Farmer Jim collect on Monday? Explain your reasoning using words, numbers, or pictures.

#### **Lesson 2**

A school district ordered 247 boxes of pencils. Each box contains 100 pencils. If the pencils are to be shared evenly amongst 10 classrooms, how many pencils will each class receive? Draw a place value chart to show your thinking.

#### **Lesson 3**

Jack and Kevin are creating a mosaic by using fragments of broken tiles for art class. They want the mosaic to have 100

measurement in meters? Show your thinking using a place value mat or equation using place value mat or an equation with exponents.

### **Lesson 6**

Ms. Meyer measured the edge of her dining table to the thousandths of a meter. The edge of the table measured 32.15 meters. Write her measurement in word form, unit form, and in expanded form using fractions and decimals.

### **Lesson 7**

Craig, Randy, Charlie, and Sam ran in a 5K race on Saturday. They were the top 4 finishers. Here are their race times:

Craig: 25.9 minutes

Randy: 32.2 minutes

Charlie: 32.28 minutes

Sam: 25.85 minutes

Who won first place? Who won second place? Third? Fourth?

### **Lesson 8**

Organic, whole-wheat flour sells in bags weighing 2.915 kilograms. How much flour is this rounded to the nearest tenth? How much flour is this rounded to the nearest one? What is the



## Lesson 15