

# Learn, Practice, Succeed

## Configuration: K–5

### **Learn Book\***

- Application Problems
- Problem Sets
- Templates
- Exit Tickets

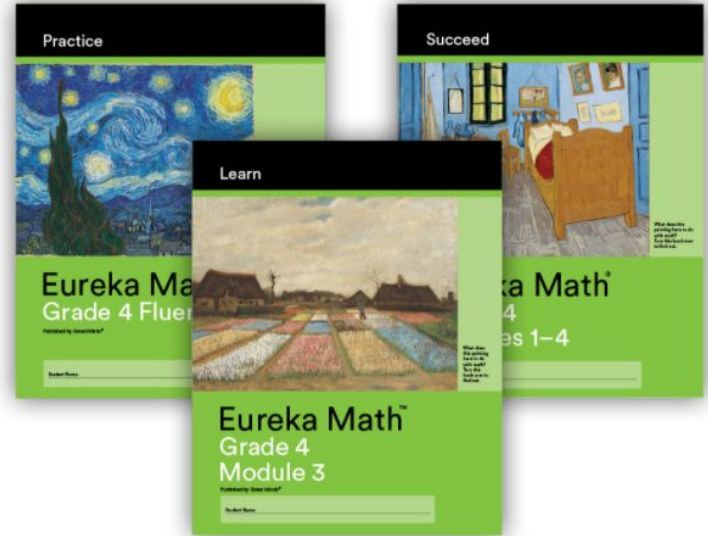
### **Practice Book\***

- Sprints & Fluency

### **Succeed Book**

- Additional Problems for Homework
- Homework Helpers

\*The *Learn* and *Practice* books provide all of the printed materials a student uses for core instruction.



# Succeed

Provides notes and examples for both students and families.

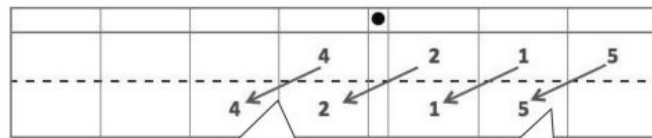
Provides homework practice.

## G5-M1-Lesson 1

**Note:** It is common to encourage students to simply “move the decimal point” a number of places when multiplying or dividing by powers of 10. Instead, encourage students to understand that the decimal point lives between the ones place and the tenths place. The decimal point does not move. Rather, the digits shift along the place value chart when multiplying and dividing by powers of ten.

Use the place value chart and arrows to show how the value of the each digit changes.

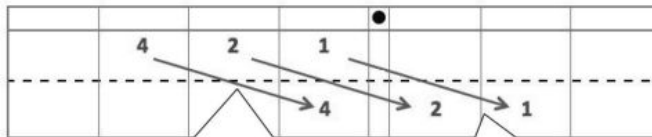
1.  $4.215 \times 10 = 42.15$



4 ones times 10 is 4 tens. Since I'm multiplying by 10, the value of each digit becomes 10 times greater.

When multiplying by 10, each digit shifts 1 place to the *left* on the place value chart.

2.  $421 \div 100 = 4.21$



4 hundreds divided by 100 is 4 ones. Since I'm dividing by 100, the value of each digit becomes 100 times

When dividing by 100, each digit shifts 2