5th Grade Module 1 Topic C: Place Value and Rounding Decimal Fractions

Use the table to round the number to the given places. Label the number lines, and circle the rounded value.

8.546

Tens	Ones	•	Tenths	Hundredths	Thousandths
	8	•	5	4	6
		•	85	4	6
		•		854	6
		•			8546

1. Tenths

2. Hundredths

3. On a Major League Baseball diamond, the distance from the pitcher's mound to home plate is 18.386 meters.

a. Round this number to the nearest hundredth of a meter. Use a number line to show your work.	b. How many centimeters is it from the pitcher's mound to home plate?

4. Round the quantity to the given place value. Draw number lines to explain your thinking. Circle the rounded value on the number line.

a. 13.989 to the nearest tenth

b. 382.993 to nearest hundredth