

Name _____

Date _____

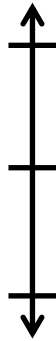
Round to the given place value. Label the number lines to show your work. Circle the rounded number. Use a separate sheet to show your decompositions for each one.

1. 4.3

a. hundredths



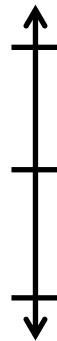
b. tenths



c. ones



d. tens



2. 225.286

a. hundredths



b. tenths



c. ones



d. tens



3. 8.984

a. hundredths



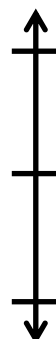
b. tenths



c. ones



d. tens



4. 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 to estimate the distance. Use a number line to show your work.

b. About how many centimeters is it from the pitcher's mound to home plate?

5. Jules reads that one pint is equivalent to 0.473 liters. He asks his teacher how many liters there are in a pint. His teacher responds that there are about 0.47 liters in a pint. He asks his parents, and they say there are about 0.5 liters in a pint. Jules says they are both correct. How can that be true? Explain your answer.