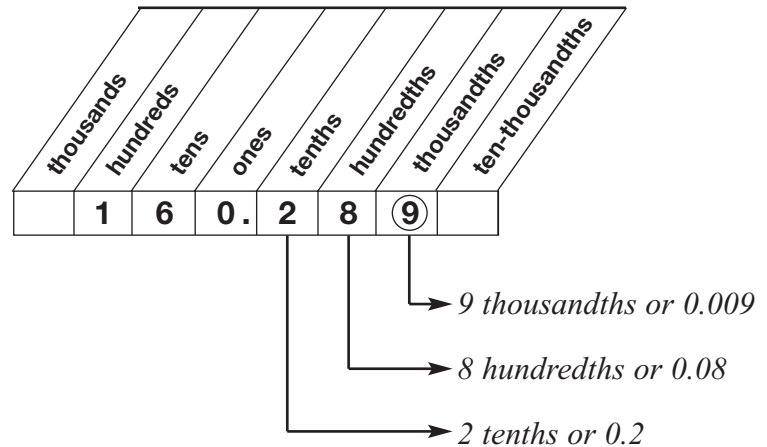


SKILL
8

Decimals and Place Value

You can use a place-value chart like the one below to help you write and read decimals and understand their values.

The decimal 160.289 is shown in the chart at the right. The place-value chart can be extended in either direction. The digit 9, together with its place value, names the number nine thousandths or 0.009.



Notice that the decimal point separates the ones and tenths places. It is read as *and*.

The decimal 160.289 is read as *one hundred sixty and two hundred eighty-nine thousandths*.

Examples 1 Write nine and five hundred twenty-six ten-thousandths as a number.

9.0526

2 Write 623.75 in words.

six hundred twenty-three and seventy-five hundredths

Write the number named by the underlined digit in words.

1. 0.45

2. 2.369

3. 110.51

4. 43.672

5. 98.008

6. 5.3126

7. 16.09

8. 2.0674

9. 2.0674

10. 0.087

11. 0.0251

12. 7.5857