

## Chapter 7 Basic Math Skills

### Section 7.1 Math Fundamentals

#### Section Outline with Content and Academic Vocabulary

##### Section Outline

Writing Whole Numbers

Fractions

Decimal Numbers

Operations with Decimal Numbers

    Multiplying Decimal Numbers

    Rounding Decimal Numbers

    Dividing Decimal Numbers

    Converting Fractions to Decimals

Calculating Surface Measurements

    Business Applications of Surface Measurements

##### Content Vocabulary

**digits** The ten basic symbols in our numbering system: 0, 1, 2, 3, 4, 5, 6, 7, 8, 9. Each digit represents a number and can be combined to represent larger numbers. (p. 165)

**fraction** Number used to describe or compare parts of a whole. (p. 166)

**numerator** The top number of a fraction, which represents the number of parts being considered. (p. 166)

**denominator** The bottom number of a fraction, which represents how many parts in a whole. (p. 166)

**mixed number** A whole number and a fraction. (p. 166)

**decimal number** Another way to write a fraction or mixed number whose denominator is a power of 10. (p. 167)

##### Academic Vocabulary

**survey** A gathering of a sample of data or opinions considered to be representative of a whole. (p. 166)

**formula** A group of symbols that make a mathematical statement. (p. 172)