

## Chapter 12

# Volume and Surface Area



### Essential Question

How are two-dimensional figures used to solve problems involving three-dimensional figures?

### Lesson 12-1

## Circles and Circumference

### Lesson 12-2

## Area of Circles

### Lesson 12-3

## Area of Composite Figures

### Lesson 12-4

## Three-Dimensional Figures

### Lesson 12-5

## Volume of Prisms

### Lesson 12-6

## Volume of Cylinders

### Lesson 12-7

## Volume of Pyramids, Cones, and Spheres

### Lesson 12-8

## Surface Area of Prisms

### Lesson 12-9

## Surface Area of Cylinders

### Lesson 12-10

## Surface Area of Pyramids and Cones