Lesson 7: Replacing Letters with Numbers

Problem Set

1. Replace the side length of this square with $4 in.$, and find the area.

$$s$$

1. Complete the table for each of the given figures.

$$14 yd.$$

$$3.5 yd.$$

$$23 m$$

$$36 m$$

|  |  |  |  |
| --- | --- | --- | --- |
| Length of Rectangle | Width of Rectangle | Rectangle’s Area Written as an Expression | Rectangle’s Area Written as a Number |
|  |  |  |  |
|  |  |  |  |

1. Find the perimeter of each quadrilateral in Problems 1 and 2.
2. Using the formula $V=l×w×h$, find the volume of a right rectangular prism when the length of the prism is $45 cm$, the width is $12 cm$, and the height is $10 cm$.