|  |  |  |
| --- | --- | --- |
| **MODULE:** 13 | **LESSON:** 3 | SOLVING AREA EQUATIONS |

You can use area formulas to find missing dimensions in figures.

Suppose you know the area of a triangle is 28 square feet. You also know the length of the base of the triangle is 7 feet. What is the height of the triangle?

Use the formula for area of a triangle. *A*  *bh ÷ 2*

 Substitute known values. 28  7*h ÷ 2*

 Multiply both sides by 2. 56  7*h*

 Divide both sides by 7. 8  *h*

The height of the triangle is 8 feet.