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| **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.