Find Slope from Triangle Sides: Rise Over Run

Worked example / complete source key

A right triangle has a vertical leg of 9 centimeters and a horizontal leg of 12 centimeters. The triangle rises from left to right. Compute the slope.

Answer: Slope = 9/12 = 3/4, positive. The triangle rises 3 centimeters for every 4 centimeters to the right.