

Enrichment 11-2 Discovering Irrationals

In the fifth century, B.C., Pythagoras discovered the first known irrational number, $\sqrt{2}$. A century later, another Greek mathematician discovered that the square root of every whole number from 3 through 17, with the exceptions of 4, 9, and 16, is irrational. What was his name?

To find out, find the length of the missing side of each right triangle and write it on the blank. Write the letter of the triangle above the correct answer in the spaces at the bottom of the page.

Answer: of Cyrene



