

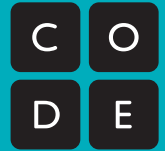
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# The Distance Formula

Code.org Computer Science in Algebra



The distance between two points (25, 50) and (300, 400) can be calculated with the distance formula as

$$\sqrt{\text{line-length}(25, 300)^2 + \text{line-length}(50, 400)^2}$$

Convert the formula in a circle of evaluation.

A diagram of a circle of evaluation represented by nested rounded rectangles. The outermost rectangle is the largest. Inside it is a smaller rectangle. Inside that is another rectangle. The innermost rectangle is divided into two sections. The left section is further divided into two parts: the top part contains the text 'line-length' and the bottom part contains the numbers '25' and '300' with a space between them. The right section of the innermost rectangle is empty.