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Resource ID#: 43116

Primary Type: Problem-Solving Task

Domains

The purpose of this task to help students think about an expression for a function as built up out of simple operations on the variable and understand the domain in terms of values for which each operation is invalid (e.g., dividing by zero or taking the square root of a negative number).

Domains (Microsoft Word): This file includes the task and related information in Microsoft Word format.
Domains (PDF): This file includes the task and related information in PDF format.

General Information

Subject(s): Mathematics
Grade Level(s): 9, 10, 11, 12
Intended Audience: Educators , Students , Parents

Instructional Time: 10 Minute(s)

Freely Available: Yes

Keywords: Domains, functions, algebraic operations, order of evaluation, cpalms, icpalms, illustrativemathematics.org, illustrative mathematics, tasks, mathematics, math, resource, free, freely available, problems-based learning, student activities, Florida Standards, real numbers
Instructional Component Type(s): Problem-Solving Task

Resource Collection: Illustrative Mathematics

Source and Access Information

Contributed by: Hannah Davis
Name of Author/Source: Hannah Davis
District/Organization of Contributor(s): Leon
Is this Resource freely Available? Yes
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Aligned Standards

Name	Description
MAFS.912.F-IF.1.1:	Understand that a function from one set (called the domain) to another set (called the range) assigns to each element of the domain exactly one element of the range. If f is a function and x is an element of its domain, then f(x) denotes the output of f corresponding to the input x. The graph of f is the graph of the equation y = f(x).