Algebra: domains, systems, inequalities and functions

GRE General Test · Vocabulary in context

Word	Example
domain restriction /dəˈmeɪn rɪˈstrɪkʃn/	The denominator gives a **domain restriction**: the input cannot equal three.
extraneous root	Squaring both sides can add an **extraneous root**, so check every answer.
sign chart /saɪn tʃɑːt/	A **sign chart** shows where $(x - 1)(x + 2)$ is positive or negative. $$(x - 1)(x + 2)$$
simultaneous solution /ˌsɪməlˈteɪnɪəs səˈluːʃn/	A **simultaneous solution** must satisfy both equations.

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