Core Concepts in Mathematics
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A music educator will state that there are but a few core elements of music.   Among these are tone, pitch, timbre, and harmony. By contrast, a global description of music might be "that which asks and answers questions with sound, that sound consisting of tone, pitch, timbre,...."

A global description of mathematics might include the idea that mathematics is the study of invariance, with *number* and *form* as basic elements. Core elements or concepts comprise a somewhat larger list, but the following list is stingy. Other ideas are sub-embodiments of these key concepts.

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order
number
set
function
classification/relationship
limit
fraction/ratio
operation
solution, root, solution set, zero
properties of relations and operations

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Poster:

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