

Abstract**A System and Method for Learning Mathematics**

- 5 The present invention provides a system for teaching mathematics comprising: a student input module configured to select an exercise from a group consisting of homework, a race or competition, and practice; a teacher input module configured to select an exercise parameter from a group consisting of setting a home work exercise from scratch, revising a home work exercise based on
- 10 student results or comparing results between different groups; a question selection module to randomly generate a question depending on the exercise selected and/or the parameter; an answer module configured to parse a response to the question, and to display a result, a dynamically generated graphic and/or any applicable explanation depending on the response; and an
- 15 avatar module configured to vocalise the explanation depending on a predetermined set of rules for vocalising certain mathematical explanations.

[Figure 2b]



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