Improved linkage between test questions

Each test question is currently a standalone item which limits the ability of instructors to create tests where questions are linked. For example, students may be asked to work through a series of calculations, where the answer to Q1 forms the basis of the text in Q2 (perhaps as a variable?).

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Example:

Q1. Bob has 5 apples and Sally has 2 apples. How many apples do they have in total?
   A1. 7

Q2. Jane has 4 apples, and joins up with Bob and Sally. How many apples do they have now?
   A2. 11

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This is obviously a simplified example, and it would be trivial to create two separate questions that achieve this aim. The real power comes from the combined use of calculated answers using variables, and presentation as one question per page, no backtracking. That would allow the instructor to create a quiz such as:

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Q1. Bob has [x] apples and Sally has [y] apples. How many apples do they have in total?
   A1. [x+y]

Q2. Jane has z apples, and joins up with Bob and Sally. How many apples do they have now?
   A2. [answer to Q1]+[z]

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In each case for [x], [y], and [z], the use of variables allows a range of values to be selected, so every student is presented with a different variant of the question. For more complex calculations, this would allow instructors to identify where errors were being made, and even if the answer to Q1 was wrong, the answer to Q2 could still be correct, assuming the student performs the appropriate calculation.