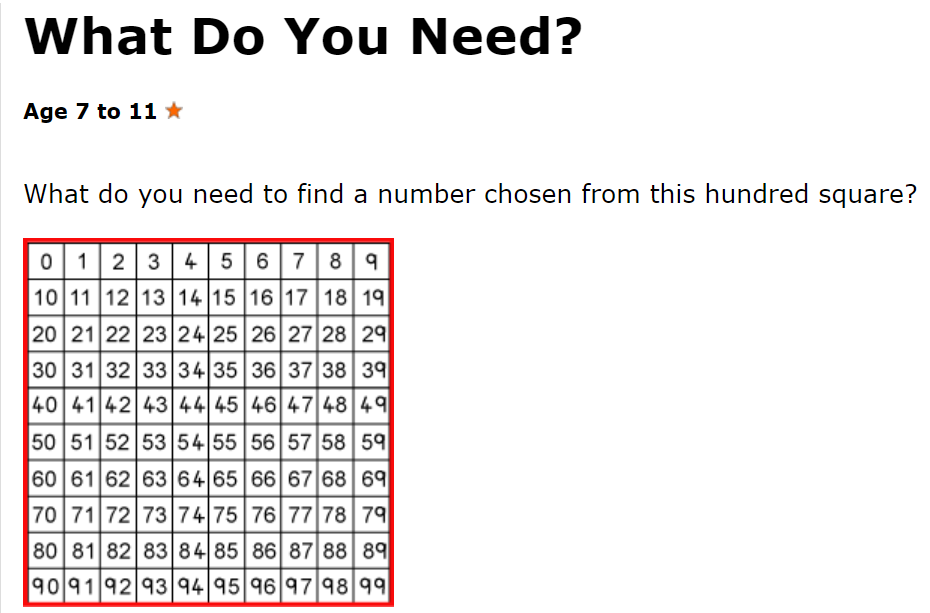
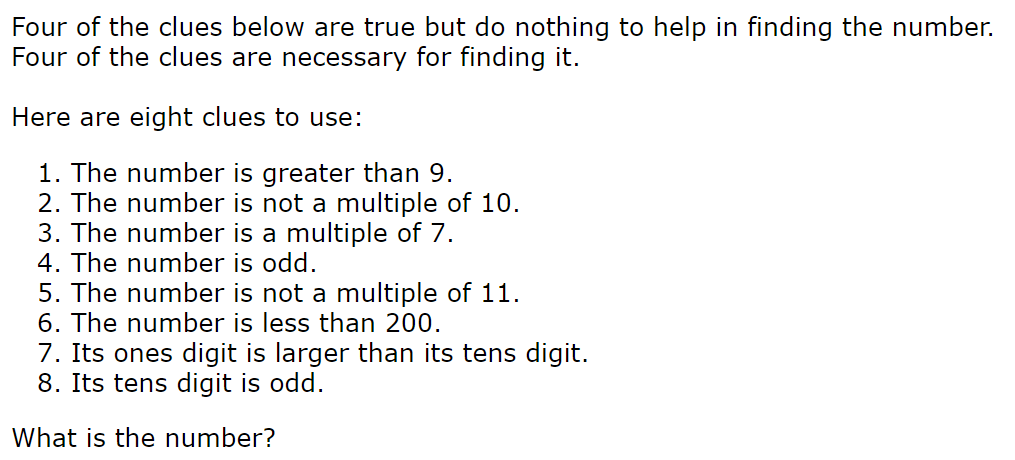
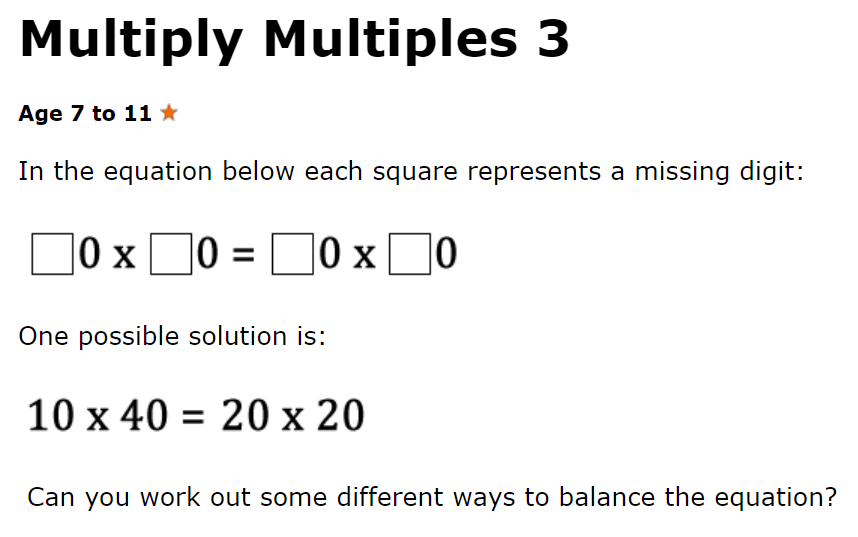
**Problem 1:**

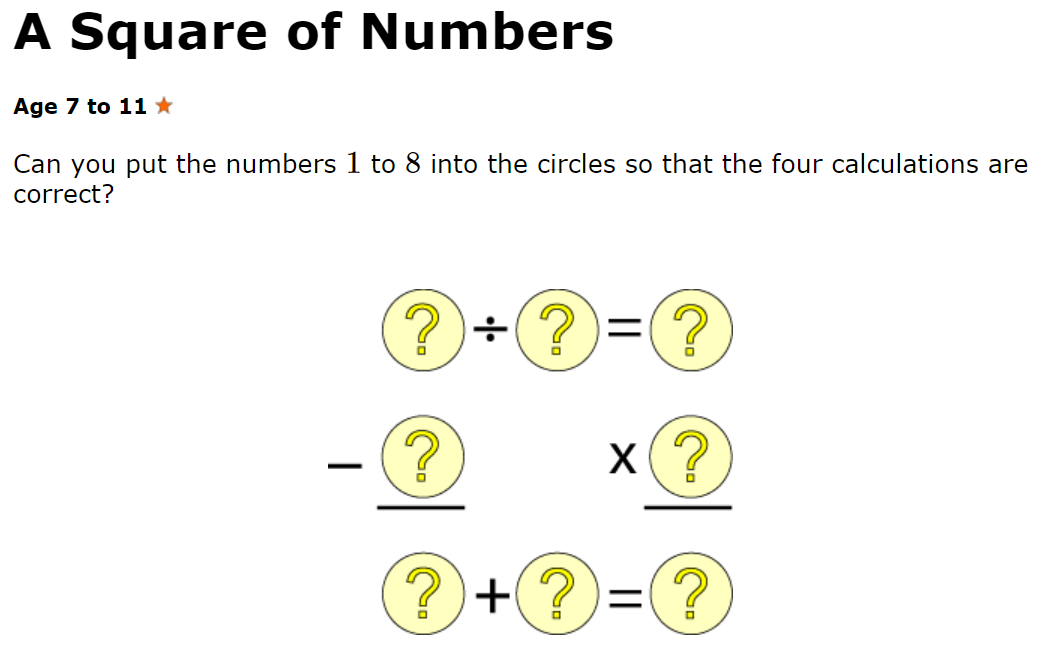




**Problem 2:**



**Problem 3:**



**SOLUTIONS:**

Problem 1: <https://nrich.maths.org/5950/solution>

Problem 3: <https://nrich.maths.org/2005/solution>