

# Gold Challenge

Write some 3-digit + 3-digit additions, where you know the 1s will total more than 10.

How many 3-digit + 3-digit additions can you make where this is the case?

How about 3-digit + 3-digit additions, where the 10s total more than 100? How many will there be?

Can you spot a pattern, and can you write a rule to describe how you know if a column total will be more than the place value of the column, that is, if the 1s total is in the 10s, 10s total is in the 100s, etc.?