Use each of the digits 1 through 9 only once. Find two 3-digit numbers whose sum uses the remaining three digits.

How many solutions can you find?

1 2 3 4 5 6 7 8 9

2019 NCTM Annual Meeting & Exposition, Session 468 F. Zenigami, S. Yagi

Jackson was eating a gooey hot fudge sundae last night while doing his homework. He dripped some hot fudge on his homework paper. What goes under the blobs of hot fudge? Find four possible answers. Justify your answers.



