## I.4 Partial Products

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The terms of each partial product are [0.7777777777778, 0.7222222222222222, 0.6740740740740739, 0.6727272727272725, 0.67171717171715, 0.6709401709401707,0.6703296703296701, 0.6698412698412696, 0.66944444444444, 0.6691176470588233,0.6688453159041392, 0.6686159844054579, 0.6684210526315788, 0.6682539682539681,0.668109668109668, 0.6679841897233201, 0.6678743961352657, 0.66777777777778,0.6676923076923077, 0.6676163342830009, 0.6675485008818343, 0.6674876847290641,29, 1.251114595147907e-37, 1.2622366297087812e-46, 3.960975791282039e-56, 294, 2.653339328010264e-308, 6e-323], and [1.1051709180756477, 1.0648508408649615e-verge to 0.667, the second series will diverge, and the third series will converge to 0.0.