ABSTRACT. This is the last in a series of five papers studying compact special Lagrangian submanifolds (SL *m*-folds) X in (almost) Calabi-Yau *m*-folds M with singularities  $x_1, \ldots, x_n$  locally modelled on special Lagrangian cones  $C_1, \ldots, C_n$  in  $\mathbb{C}^m$  with isolated singularities at 0. Readers are advised to begin with this paper.

We survey the major results of the previous four papers, giving brief explanations of the proofs. We apply the results to describe the *boundary* of a moduli space of compact, nonsingular SL *m*-folds N in M. We prove the existence of special Lagrangian *connected* sums  $N_1 \# \cdots \# N_k$  of SL *m*-folds  $N_1, \ldots, N_k$  in M. We also study SL 3-folds with  $T^2$ -cone singularities, proving results related to ideas of the author on invariants of Calabi-Yau 3-folds, and the SYZ Conjecture.

Let X be a compact SL *m*-fold with isolated conical singularities  $x_i$  and cones  $C_i$  for i = 1, ..., n. The first paper studied the *regularity* of X near its singular points, and the the second the *moduli space of deformations* of X. The third and fourth papers construct *desingularizations* of X, realizing X as a limit of a family of compact, nonsingular SL *m*-folds  $N^t$  in M for small t > 0. Let  $L_i$  be an *asymptotically conical* SL *m*-fold in  $\mathbb{C}^m$  asymptotic to  $C_i$ at infinity. We make  $N^t$  by gluing  $tL_i$  into X at  $x_i$  for i = 1, ..., n.