

The diagram illustrates three different ways to partition the number 8 using identical objects (represented by boxes).
 Row 1: A single row of 8 boxes, each containing 1 object.
 Row 2: Four separate groups of boxes. The first group has 4 boxes (each with 1 object), the second has 3 boxes (each with 1 object), the third has 2 boxes (each with 1 object), and the fourth has 1 box (with 1 object).
 Row 3: Two separate groups of boxes. The first group consists of a set of 3 boxes (each with 1 object) followed by a set of 2 boxes (each with 1 object), which are then repeated once more. The second group consists of two sets of 2 boxes (each with 1 object), which are also repeated twice.

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