

Oh! Susanna

$$1 = F$$

Stephen Foster

The diagrams are arranged in a 6x3 grid. Each diagram consists of blue horizontal bars of varying lengths, with some bars labeled with numbers (1, 2, 3, 4, 5, 6, 7). The diagrams are connected by vertical lines, and some have additional labels like 2^7 and 5^7 . The diagrams are arranged in a way that shows the construction of a partition from a sequence of numbers.

Row 1: Diagram 1 (left) has bars of length 1, 2, 3, 5, 5, 6, 5, 3, 1, 2, 3, 3, 2, 1, 2, 2. Diagram 2 (middle) has bars of length 3, 3, 2, 2, 1, 1, 2. Diagram 3 (right) has bars of length 2, 2, 1, 2, 1, 2.

Row 2: Diagram 1 (left) has bars of length 3, 5, 5, 6, 5, 3, 1, 2, 3, 3, 2, 2, 1, 1, 2. Diagram 2 (middle) has bars of length 3, 3, 2, 2, 1, 1, 2. Diagram 3 (right) has bars of length 2, 2, 1, 2, 1, 2.

Row 3: Diagram 1 (left) has bars of length 3, 5, 5, 6, 5, 3, 1, 2, 3, 3, 2, 2, 1, 1, 2. Diagram 2 (middle) has bars of length 3, 3, 2, 2, 1, 1, 2. Diagram 3 (right) has bars of length 2, 2, 1, 2, 1, 2.

Row 4: Diagram 1 (left) has bars of length 3, 5, 5, 6, 5, 3, 1, 2, 3, 3, 2, 2, 1, 1, 2. Diagram 2 (middle) has bars of length 3, 3, 2, 2, 1, 1, 2. Diagram 3 (right) has bars of length 2, 2, 1, 2, 1, 2.

Row 5: Diagram 1 (left) has bars of length 4, 4, 6, 6, 6, 5, 5, 3, 1, 2, 2, 2, 1, 2. Diagram 2 (middle) has bars of length 5, 5, 3, 1, 2, 2, 1, 2. Diagram 3 (right) has bars of length 2, 2, 1, 2, 1, 2.

Row 6: Diagram 1 (left) has bars of length 3, 5, 5, 6, 5, 3, 1, 2, 3, 3, 2, 2, 1, 1, 2. Diagram 2 (middle) has bars of length 3, 3, 2, 2, 1, 1, 2. Diagram 3 (right) has bars of length 2, 2, 1, 2, 1, 2.