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The diagram illustrates a sequence of rectangles and their areas. The sequence starts with a yellow rectangle of dimensions 4x3 and area 12. This is followed by a yellow rectangle of dimensions 3x2 and area 6. Then, a green rectangle of dimensions 5x6 and area 30 is shown. The main part of the diagram consists of three overlapping rectangles: a red rectangle D (22x21, area 462), a red rectangle F (18x16, area 288), and a magenta rectangle A (18x30, area 540). A green rectangle B (7x16, area 112) is also shown. The diagram illustrates the relationship between the areas of these rectangles and the area of a larger rectangle with dimensions 30x30 (area 900).

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