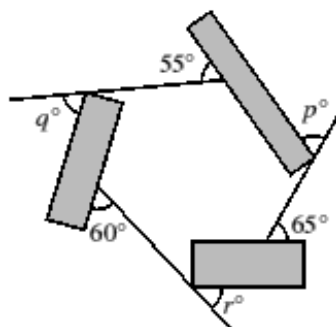15. The diagram shows three rectangles and three straight lines.
What is the value of $p + q + r$?

A   135   B   180   C   210
          D   225   E   270

15.   **B**   A non-regular hexagon can be drawn on the diagram
as shown. Three of the exterior angles of the hexagon
are then 55°, 60° and 65°. Since corresponding angles
on parallel lines are equal, the other three exterior
angles are $p°$, $q°$ and $r°$. The total of the exterior
angles of any polygon is 360°. Hence
$p + q + r + 55 + 60 + 65 = 360$ and so $p + q + r = 180$.