

<p>Tilted Square</p> <p>Information Card</p> <p>P:(0,1) and Q:(4,4) are adjacent corners of the square PQRS (the corners being labelled in an anticlockwise fashion).</p>	The length of QS	The area of the square	The coordinates of R and S
The equation of the perpendicular bisector of side QR	The length of PQ	The midpoint of PR	The coordinates of both points where the square meets the y-axis
The equation of PR	The gradient of PR	The coordinates of the point where the line QS meets the x-axis	