



A diagram of a rectangle with a light blue fill and rounded corners, set against a dark red background. A diagonal line runs from the bottom-left corner to the top-right corner. The diagonal is labeled "50 in". The right vertical side is labeled " $x$  in". The bottom horizontal side is labeled " $\frac{16}{9}x$  in".

50 in

$x$  in

$\frac{16}{9}x$  in