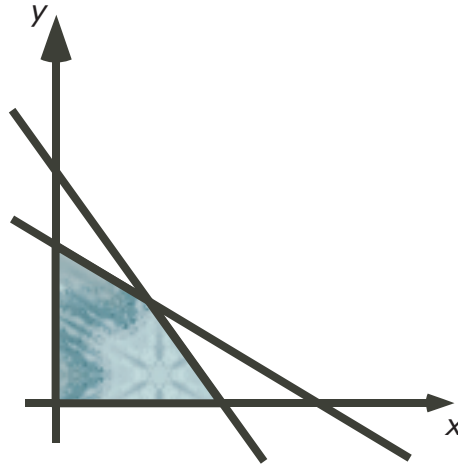




## Problem of the Week Grade 9 and 10

### A Shady Region



The shaded region on the diagram is bounded by the lines whose equations are  $5x + 2y = 30$ ,  $x + 2y = 22$ ,  $x = 0$ , and  $y = 0$ .

Determine the area of the shaded region.

