



This diagram is a geometric construction problem. It shows a horizontal line with points  $a, b, c, d, e, f, g, h, k$  marked on it. A line  $l_1$  is drawn through point  $a$ , and a line  $l_2$  is drawn through point  $b$ . The angle between these two lines at point  $a$  is  $143^\circ$ . A line  $g$  is drawn through point  $g$ , and a line  $m$  is drawn through point  $m$ . The angle between these two lines at point  $g$  is  $48^\circ$ . A line  $p$  is drawn through point  $p$ , and a line  $r$  is drawn through point  $r$ . The angle between these two lines at point  $p$  is  $85^\circ$ . A line  $s$  is drawn through point  $s$ . A line  $f$  is drawn through point  $f$ , and a line  $e$  is drawn through point  $e$ . The angle between these two lines at point  $f$  is a right angle. The diagram also shows several other lines and points, including  $d, c, b, a, k, h, g, m$ .