Match the vector fields with the corresponding phase portraits.

$F(x,y)$	1	2	3	4	5	6	7	8	9	10	11	12
$F(x,y) = (y, -x)$												
$F(x,y) = (x, 2y)$												
$F(x,y) = (y, x)$												
$F(x,y) = (x, 0)$												
$F(x,y) = (-x, -2y)$												
$F(x,y) = (-x, y)$												
$F(x,y) = (y, 0)$												
$F(x,y) = (x+y, x-y)$												
$F(x,y) = (x-y, x+y)$												
$F(x,y) = (x, x)$												
$F(x,y) = (x+y, y)$												
$F(x,y) = (x, x+y)$												