

## PARALLEL AND PERPENDICULAR LINES

Equation of line $l_1$	Two points that $l_1$ passes through.		Equation of a line perpendicular to $l_1$ , through point A, in the form $ax + by + c = 0$
	Point A	Point B	
$2x + 3y - 5 = 0$	$(-5, a)$  $a =$	$(b, -5)$  $b =$	
	$(-4, 1)$	$(-3, -2)$	
	$(a, 1)$  $a =$	$(b, 3)$  $b =$	$x + 3y - 3 = 0$
$-x + 6y + 17 = 0$		$(b, -2)$  $b =$	$6x + y - 65 = 0$